
South Dakota GAME REPORT

No. 2005 – 04

2004

Annual Report

SMALL GAME, UPLAND BIRD & MIGRATORY GAME BIRD HARVEST PROJECTIONS

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PREFACE

Harvest estimates reported herein for the 2004 small game, upland bird, and migratory bird seasons were developed as described in Wildlife Survey Manual, 2003-2009, South Dakota Department of Game, Fish and Parks. If species specific methodologies are not reported there, the methodologies are presented within this report.

Corey Huxoll, (Division of Wildlife, Office of Wildlife Administration - Planning - Surveys Section), was responsible for development of these harvest estimates as part of Federal Aid for Wildlife Restoration as Project W-95-R. Sage grouse harvest information was provided by John Wrede, (Region I Game Program Manager). Harvest surveys were processed and encoded by Deb Burtt, Dana Ertz, and Corey Huxoll.

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INDEX

	Page
Preface	i
STATEWIDE COMBINED HARVEST SUMMARY	1
UPLAND GAME	
Cottontail & Squirrel -- season summary	2
regular season harvest projections	3
late season harvest projections	4
cottontail season trends	5
squirrel season trends	5
UPLAND BIRD	
Pheasant -- season summary	6
harvest projections	7
regular opening weekend participation & bag	8
resident-only opening weekend participation & bag	8
youth-only season participation	8
closing week participation & bag	8
resident harvest distribution	9
nonresident harvest distribution	10
season participation & harvest trends	11
season harvest & bag trends	11
Gray Partridge -- season summary	12
harvest projections	13
season trends	13
resident harvest distribution	14
nonresident harvest distribution	15
Prairie Chicken & Sharptail Grouse -- season summary	16
harvest projections	17
season trends	17
resident harvest distribution	18
nonresident harvest distribution	19
Sage Grouse -- season summary	20
Northern Bobwhite -- season summary	21
harvest projections	22
season trends	22
resident & nonresident harvest distributions	23

WATERFOWL

Waterfowl Hunter Summary	24
harvest projections.....	24
hunter distribution by county	25
Tundra Swan -- season summary	26
harvest projections.....	26
harvest distribution by date	27
harvest summary by residency	28
season trends	28
Ducks (all species) -- season summary	29
harvest projections.....	30
season trends	31
hunter participation trends	31
Canada Geese, All Seasons -- season summary	32
harvest projections.....	33
season trends	33
Canada Geese, Early Fall Season -- season summary	34
harvest projections.....	35
season trends	36
Canada Geese, Special Season -- season summary	37
harvest projections.....	37
Light Geese, Regular Season -- season summary	38
harvest projections.....	39
season trends	40
Light Geese, Spring Conservation Order -- season summary	41
harvest projections.....	42
White-fronted Geese -- season summary	43
harvest projections.....	43
season trends	44

OTHER GAME BIRDS

Mourning Dove -- season summary	45
season trends	45
harvest projections.....	46
Sandhill Crane -- season summary	47
season trends	47
Coot -- season summary	48
season trends	48
Common Snipe -- season summary	49
season trends	49

HARVEST SURVEY RESPONSE RATES	50
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Statewide Combined Harvest

2004 Statewide Small Game, Upland Bird, & Migratory Game Bird Harvest Projection Summary																			last revised: 19 August 05
Harvest Statistic	Cottontail (regular & late seasons)	Squirrel (regular & late seasons)	Pheasant	Gray Partridge	Grouse	Bobwhite Quail	Tundra Swan	Ducks	Canada Geese (all seasons)	Canada Geese (Sept. season)	Canada Geese (special season)	Light Geese (regular season)	Light Geese (conserv. order)	Whitefront Geese	Mourning Dove	Sandhill Crane *	American Coot *	Common Snipe *	Grand Totals
<u>Licenses/Tags</u>	Upland Game		Upland Birds				Waterfowl								Other Migratory Game Birds				
Resident																			
Licenses Available	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	1,125	unlim.	unlim.	unlim.	1,500	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	
Proj. Active/Sold/Issued	14,794	7,373	78,984	3,357	7,859	376	619	19,179	19,365	7,337	1,499	7,471	3,727	2,342	10,240	unavail.	unavail.	unavail.	
Nonresident																			
Licenses Available	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	175	unlim.	unlim.	unlim.	n/a	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	
Proj. Active/Sold/Issued	1,244	188	91,948	2,186	3,655	377	201	4,049	2,481	325	n/a	861	2,301	527	339	unavail.	unavail.	unavail.	
Totals																			
Licenses Available	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	1,300	unlim.	unlim.	unlim.	1,500	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	
Proj. Active/Sold/Issued	16,038	7,561	170,932	5,543	11,514	753	820	23,228	21,846	7,662	1,499	8,332	6,028	2,869	10,579	79	400	400	
<u>Hunting Recreation</u>																			
Residents																			
Average Days Hunted	5.76	4.09	7.35	6.70	4.12	5.32	4.47	7.08	6.98	3.22	3.33	5.68	4.21	6.10	4.48	unavail.	unavail.	unavail.	
Total Days Hunted	85,012	39,148	580,532	22,492	32,379	2,000	2,216	135,787	135,168	23,645	3,390	42,435	20,169	14,286	45,875	unavail.	unavail.	unavail.	
Average Season Bag	9.07	5.84	9.43	1.82	3.54	1.96	0.18	11.65	5.19	3.35	1.42	8.68	11.00	1.35	17.08	unavail.	unavail.	unavail.	
Mean Satisfaction Score	3.17	3.17	3.38	3.39	3.19	4.12	3.28	3.67	3.61	3.54	2.19	3.65	-	3.53	3.74	unavail.	unavail.	unavail.	
Nonresidents																			
Average Days Hunted	3.97	2.40	3.83	4.45	4.04	4.60	5.21	4.24	3.82	3.63	-	3.98	3.59	4.18	3.89	unavail.	unavail.	unavail.	
Total Days Hunted	4,939	451	352,161	9,728	14,766	1,734	720	17,234	9,477	1,181	-	3,443	8,907	2,203	1,319	unavail.	unavail.	unavail.	
Average Season Bag	2.85	2.40	9.88	1.45	3.11	2.60	0.15	10.35	2.09	4.83	-	2.21	14.91	0.45	18.78	unavail.	unavail.	unavail.	
Mean Satisfaction Score	2.86	2.86	2.75	2.53	2.61	3.30	3.65	3.40	3.33	3.26	-	3.55	-	3.42	3.16	unavail.	unavail.	unavail.	
Total Days Hunted	89,951	39,599	932,693	32,220	47,145	3,734	2,936	153,021	144,645	24,826	3,390	45,878	29,076	16,489	47,194	272	800	500	
<u>Harvest</u>																			
Residents	134,480	42,748	744,819	6,110	27,821	737	108	223,435	100,504	24,543	1,604	64,848	52,756	3,162	174,899	unavail.	unavail.	unavail.	
Nonresidents	3,545	451	908,446	3,170	11,367	980	27	42,074	5,185	1,570	-	1,898	37,028	237	6,366	unavail.	unavail.	unavail.	
Total	138,025	43,199	1,653,265	9,280	39,188	1,717	135	265,509	105,689	26,113	1,604	66,746	89,784	3,399	181,265	67	9,700	900	
* South Dakota does not survey for these species, preliminary estimates provided by USFWS.																			

* South Dakota does not survey for these species, preliminary estimates provided by USFWS.

COTTONTAIL & SQUIRREL

The 2004 cottontail rabbit and squirrel seasons covered 1 September 2004 - 28 February 2005. Harvest surveys were sent to both resident and nonresident hunters for the period of 1 September - 31 December. A "late season" harvest survey was sent only to residents for the 1 January - 28 February period. For cottontail, the daily limit was 10, possession 30, and the season was open statewide for the length of the season. For squirrel, the daily limit was 5, possession 15, and the season was open statewide for the length of the season. Residents holding small game, 1-day small game, adult or junior combination, or youth small game licenses were eligible to participate in the season. Nonresidents were required to obtain either a small game or a youth small game license to hunt upland game.

In 2004, there were 94,160 residents and 93,342 nonresidents licensed to hunt upland game. Approximately 2.7% of the resident and 3.4% of the nonresident hunters were surveyed for the upland game season. Survey response rates were 77.7% for residents and 78.5% for nonresidents for the period prior to the late season; the response rate for late season resident hunters was 83.3%.

Based on survey responses indicating at least one day of hunting cottontail prior to the start of the late season, there were a projected 8,687 resident (2,621 small game, 4,269 combination, 854 youth small game, 903 junior combination) and 1,244 nonresident cottontail hunters. A total of 6,107 residents hunted cottontails in the late season (538 small game, 5,275 combination, 199 youth small game, and 439 junior combination). It is very likely that many hunters participated in both the upland game season prior to the late season as well as the late season, but hunting the late season in February required getting a valid 2005 license.

Based on survey responses indicating at least one day of hunting squirrels, there were a projected 4,271 resident (1,227 small game, 2,175 combination, 394 youth small game, 421 junior combination) and 188 nonresident hunters. Approximately 3,102 residents hunted squirrels during the late season (248 small game, 2,386 combination, 159 youth small game, and 351 junior combination).

From the survey responses, projected totals of 138,025 cottontails (134,480 by residents, 3,545 by nonresidents) and 43,199 squirrels were harvested (42,748 by residents, 451 by nonresidents) during the entire upland game season.

For both regular and late surveys, residency types, and license types, hunters reported they used private lands more than any other land type. When asked their satisfaction on the season, (1 being most satisfied, 7 being least satisfied), resident hunters reported satisfaction levels of 3.17 for the period prior to the late season and 3.39 for the late season, while nonresidents reported a higher satisfaction rating prior to the late season period of 2.86.

Comparison of the 1997 - 2004 cottontail and squirrel harvests:

Year	Cottontails				Squirrels			
	Hunters		Harvest		Hunters		Harvest	
	Resident	Nonres	Resident	Nonres	Resident	Nonres	Resident	Nonres
1997	11,842	350	86,225	490	7,427	140	46,094	70
1998	8,677	609	96,314	1,891	4,941	39	50,866	39
1999	17,460 *	731	96,881	1,265	10,834 *	98	57,190	1,470
2000	26,255 *	1,461	266,335	6,764	12,176 *	143	50,863	486
2001	11,518 *	593	74,674	2,900	5,608 *	132	19,949	1,023
2002	11,904 *	1,006	60,146	2,917	7,300 *	268	29,846	603
2003	15,526 *	1,016	146,070	2,103	7,857 *	188	46,308	978
2004	14,794*	1,244	164,480	3,545	7,373*	188	42,748	451

* Resident hunter totals include projected hunter totals from the late and "regular" season harvest surveys.

South Dakota Game Report No 2005-04 - 2004 Small Game, Upland Bird & Migratory Bird Harvest Projections
Corey Huxoll

UPLAND GAME HARVEST PROJECTIONS FOR 2004								
<i>Last Revised: 4 August 05</i>								
	RESIDENT TOTALS BY LICENSE TYPE					NONRESIDENT TOTALS		
	Small Game	Comb-ination	Youth SmGm	Junior Combo	Sum Estimates	Non Res Sm Game	Youth Sm Gm	Sum Estimates
Number in Database	36,469	43,241	7,893	4,451	92,054	87,754	3,036	90,790
Licenses Sold	37,363	43,818	8,345	4,634	94,160	90,181	3,161	93,342
Projected ACTIVE UPLAND GAME HUNTERS	2,733	4,591	2,108	963	9,262	1,290	0	1,319
Number Sampled by Survey	919	1,316	169	121	2,525	3,110	47	3,157
Number Responded to Survey	670	1,088	127	77	1,962	2,446	31	2,477
Responded and Participated in Season	49	114	14	16	193	35	0	35
Responded but DID NOT HUNT	621	974	113	61	1,769	2,411	31	2,442
Survey Response Rate	72.9%	82.7%	75.1%	63.6%	77.7%	78.6%	66.0%	78.5%
Number Hunters Reporting Cottontail Days	47	106	13	15	181	33	0	33
Sum Cottontail Hunted Days	294	638	47	70	1,049	131	0	131
Average Days Hunted Cottontails	6.26	6.02	4.67	4.67	5.80	3.97		3.97
Sum Cottontails Bagged	301	1,098	61	173	1,633	94	0	94
Average Cottontail Bag for Season	6.40	10.36	4.69	11.53	9.02	2.85		2.85
Projected Days Cottontail Hunting	16,407	25,699	3,988	4,217	50,385	4,831	0	4,939
Projected Number Cottontail Hunters	2,621	4,269	854	903	8,687	1,217	0	1,244
Projected Cottontail Bag	16,774	44,227	4,005	10,412	78,357	3,468	0	3,545
TOTAL COTTONTAIL HARVEST =						81,902		
Number Hunters Reporting Squirrel Days	22	54	6	7	89	5	0	5
Sum Squirrel Hunted Days	83	308	19	20	430	12	0	12
Average Days Hunted Squirrels	3.77	5.70	2.86	2.86	4.83	2.40		2.40
Sum Squirrels Bagged	79	386	13	49	527	12	0	12
Average Squirrel Bag for Season	3.59	7.15	2.17	7.00	5.92	2.40		2.40
Projected Days Squirrel Hunting	4,626	12,398	1,127	1,204	20,629	442	0	451
Projected Number Squirrel Hunters	1,227	2,175	394	421	4,271	184	0	188
Projected Squirrels Bag	4,405	15,551	855	2,947	25,284	442	0	451
TOTAL SQUIRREL HARVEST =						25,735		
Public Area Use Reported	17	45	5	9	76	11	0	11
Public Area Use Projected *	948	1,812	329	542	3,631	406	0	406
Private Area Use Reported	37	91	13	13	154	31	0	31
Private Area Use Projected *	2,063	3,665	854	782	7,364	1,143	0	1,143
Walk-in Area Use Reported	13	28	1	2	44	14	0	14
Walk-in Area Use Projected *	725	1,128	66	120	2,039	516	0	516
Mean Satisfaction Score **	3.47	3.31	2.52	2.94	3.17	2.86		2.86
<i>* Totals greater than licenses sold because many utilized more than one land type during season.</i>								
<i>** Based on scale of 1-7 with 1="very satisfied" and 7="very dissatisfied"</i>								

UPLAND GAME LATE SEASON HARVEST PROJECTIONS FOR 2004

Last Revised: 5 August 05

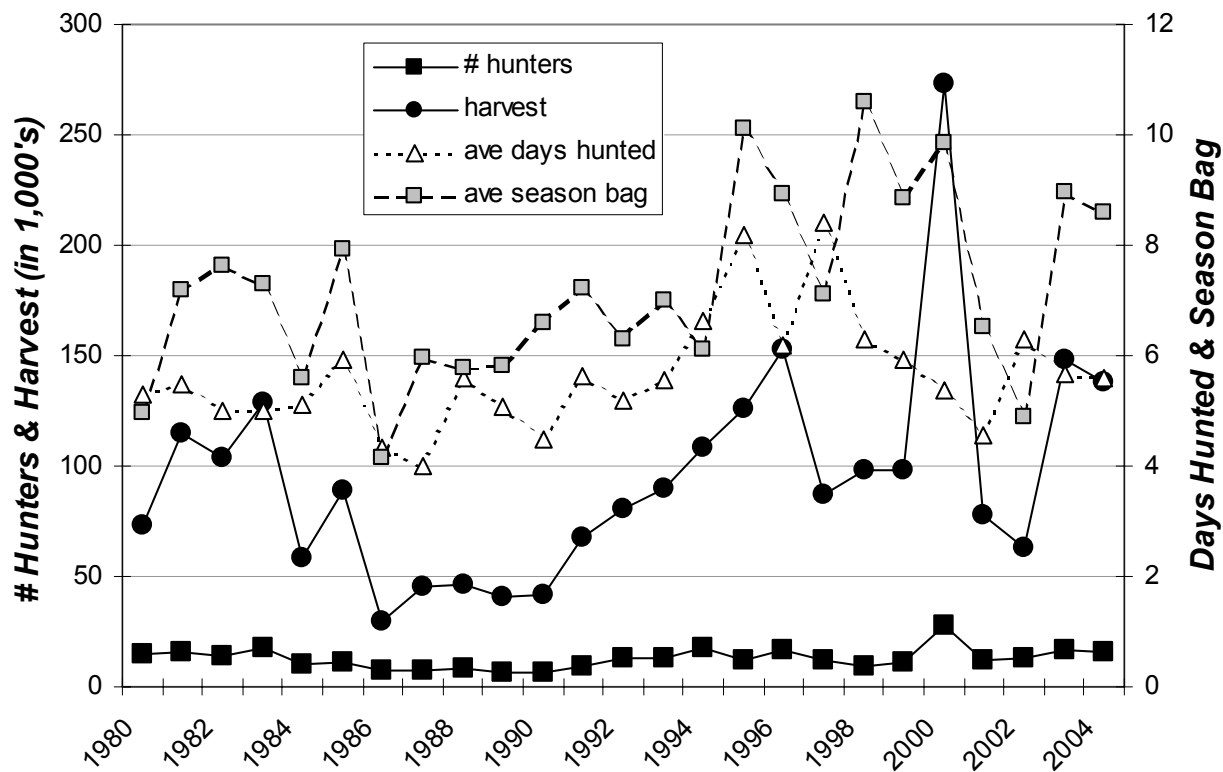
	RESIDENT TOTALS BY LICENSE TYPE				
	Small Game	Comb- ination	Youth SmGm	Junior Combo	Sum Estimates
Licenses Sold *	1,697	15,448	397	877	18,419
Projected ACTIVE LATE SEASON UPLAND GAME HUNTERS	579	5,275	199	439	6,204
Number Sampled for Survey	51	144	20	13	228
Number Responded to Survey	41	123	16	10	190
Responded and Participated in Season	14	42	3	5	64
Responded but DID NOT HUNT	27	81	13	5	126
Survey Response Rate	80.4%	85.4%	80.0%	76.9%	83.3%
Number Hunters Reporting Cottontail Days	13	42	3	5	63
Sum Cottontail Hunted Days	59	261	16	21	357
Average Days Hunted Cottontails	4.54	6.21	5.33	4.20	5.67
Sum Cottontails Bagged	67	381	12	119	579
Average Cottontail Bag for Season	5.15	9.07	4.00	23.80	9.19
Projected Days Cottontail Hunting	2,443	32,758	1,061	1,844	34,627
Projected Number Cottontail Hunters	538	5,275	199	439	6,107
Projected Cottontail Bag	2,771	47,844	796	10,448	56,123
TOTAL COTTONTAIL HARVEST = 56,123					
Number Hunters Reporting Squirrel Days	6	19	3	4	32
Sum Squirrel Hunted Days	14	105	12	60	191
Average Days Hunted Squirrels	2.33	5.53	4.00	15.00	5.97
Sum Squirrels Bagged	17	97	4	62	180
Average Squirrel Bag for Season	2.83	5.11	1.33	15.50	5.63
Projected Days Squirrel Hunting	578	13,195	636	5,265	18,519
Projected Number Squirrel Hunters	248	2,386	159	351	3,102
Projected Squirrels Bag	702	12,192	211	5,441	17,464
TOTAL SQUIRREL HARVEST = 17,464					
Public Area Use Reported	2	13	1	2	18
Public Area Use Projected **	83	1,633	25	175	1,916
Private Area Use Reported	12	40	2	4	58
Private Area Use Projected **	497	5,024	50	351	5,922
Walk-in Area Use Reported	1	4	0	1	6
Walk-in Area Use Projected **	41	502	0	88	631
Mean Satisfaction Score ***	3.86	3.45	3.00	1.80	3.39

* Numbers of licenses available are based on reported licenses in the 2005 GF82 license database through February.

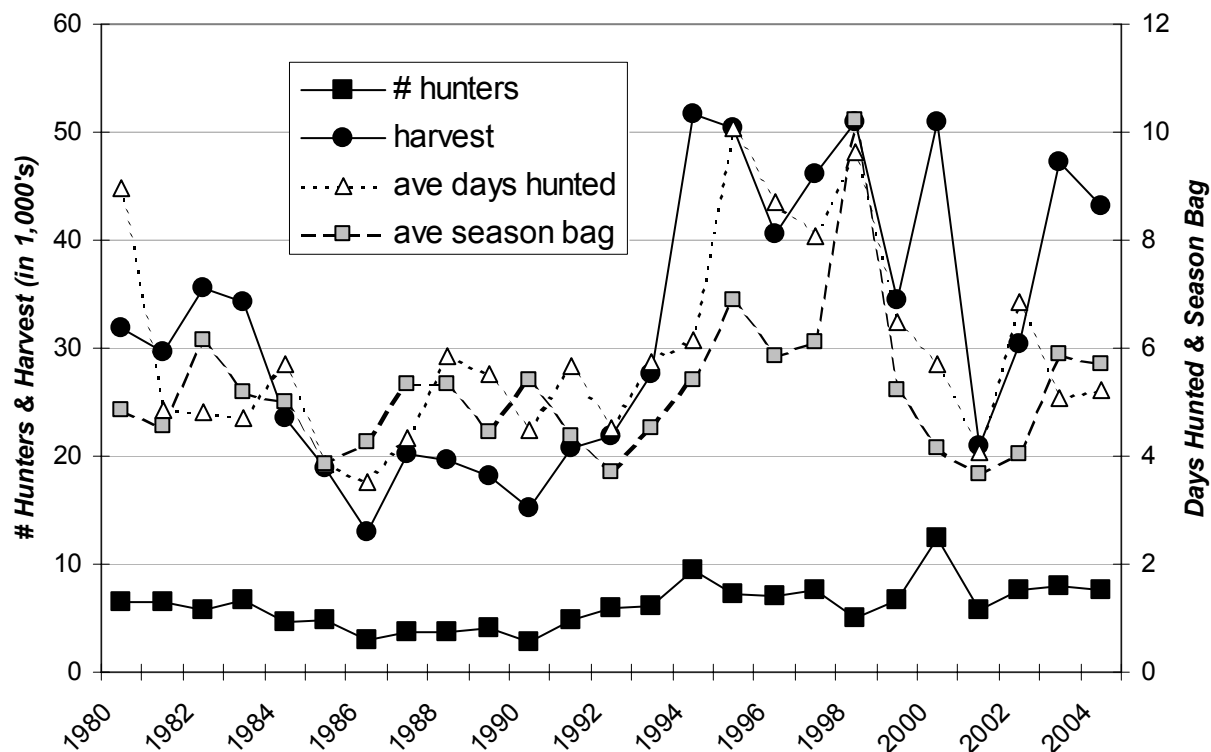
** Totals greater than licenses sold because many utilized more than one land type during season.

*** Based on scale of 1-7 with 1="very satisfied" and 7="very dissatisfied"

SOUTH DAKOTA COTTONTAIL HARVEST, 1980-2004



SOUTH DAKOTA SQUIRREL HARVEST, 1980-2004



PHEASANT

The 2004 pheasant season covered 16 October 2004 – 2 January 2005 statewide except for Butte, Meade, and Lawrence counties, and the portion of Pennington County west of the Cheyenne River where the season closed 24 October. There was also a special Youth season open 2-3 October on public and private land and an early residents-only season open 9-11 October on public lands only. Harvest surveys were sent to both resident and nonresident hunters. The daily limit was 3 cock pheasants, possession 15. To hunt pheasants, residents were required to hold small game, 1-day small game, adult or junior combination, or youth small game licenses; nonresidents were required to obtain the nonresident small game the nonresident youth small game, or nonresident shooting preserve license. No shooting preserve license holders were surveyed and none of their harvest is included in any of the data in this report.

In 2004, there were 94,160 residents and 93,342 nonresidents licensed to hunt pheasants. Approximately 8.2% of residents and 3.4% of nonresidents were surveyed for the upland bird seasons. Survey response rates were 80.7% for residents and 78.5% for nonresidents.

Based on survey responses indicating at least one day of hunting pheasants, there were a projected 78,984 resident (33,214 small game, 34,844 combination, 7,695 youth small game, 3,899 junior combination) and 91,948 nonresident (88,854 small game, 3,059 youth small game) pheasant hunters.

From the survey responses, a projected total of 1,653,265 pheasants were harvested (744,819 by residents, 908,446 by nonresidents) during the 2004 season. When asked their satisfaction on the season, (1 being most satisfied, 7 being least satisfied), resident upland bird hunters reported an average satisfaction rating of 3.39 while nonresidents reported a higher satisfaction rating of 2.75. Resident pheasant hunters reported an average satisfaction rating of 3.38 while nonresidents reported a higher satisfaction rating of 2.75.

Approximately 26.6% of the residents surveyed participated in the early, resident-only season. There was a projected harvest for this season of 33,581 birds. Over 65% of the resident and just over 40% of the nonresident pheasant hunters participated in the regular opening weekend of the 2004 pheasant season. There was a projected harvest for the opening weekend of 302,356 (137,090 by residents, 165,266 by nonresidents). Only 40% of the nonresidents and 55% of residents hunted opening weekend. Only 7% of the nonresidents hunted during the final nine days of the season, which included the last week of December and the first two days of January.

The Youth-only season (2-3 October) overall participation rate was approximately 6.4% (4.8% Combination license, 4.8% Small Game, 3.7% Junior Combination, 26.7% Youth Small Game); nonresidents were not surveyed on their participation in this season.

Comparison of the 1997 - 2004 Pheasant season statistics

Year	Resident Hunters					Nonresident Hunters				
	Number Hunters	Harvest	Ave Day Hunted	Ave Bag	Satisfaction	Number Hunters	Harvest	Ave Day Hunted	Ave Bag	Satisfaction
1997	70,573	525,504	6.37	7.56	N/A	42,808	395,213	4.23	9.25	N/A
1998	74,727	603,355	6.90	8.27	3.67	60,364	581,767	4.44	9.66	2.78
1999	84,342	768,356	7.12	9.11	3.40	71,956	695,815	4.57	9.67	2.67
2000	79,790	759,601	6.82	9.52	3.29	70,182	688,133	4.31	9.52	2.80
2001	76,772	672,523	6.80	8.76	3.60	73,326	688,531	4.26	9.39	2.83
2002	70,822	587,823	6.84	8.30	3.72	74,874	673,866	4.18	9.00	2.99
2003	78,396	912,529	7.21	11.64	2.92	83,538	902,210	4.21	10.80	2.28
2004	78,984	744,819	7.35	9.43	3.38	91,948	908,446	3.83	9.88	2.75

South Dakota Game Report No 2005-04 - 2004 Small Game, Upland Bird & Migratory Bird Harvest Projections
Corey Huxoll

<u>PHEASANT HARVEST PROJECTIONS FOR 2004</u>								
<i>Revised: 15 July 05</i>	RESIDENT TOTALS BY LICENSE TYPE					NONRESIDENT TOTALS		
	Small Game	Combo	Youth SmGm	Junior Combo	Sum Estimates	Nonres Sm Game	Youth Sm Game	Sum Estimates
Number in Database	36,469	43,241	7,893	4,451	92,054	87,754	3,036	90,790
Licenses Sold	37,363	43,818	8,345	4,634	94,160	90,181	3,161	93,342
Projected ACTIVE UPLAND BIRD HUNTERS	33,441	35,078	7,765	3,899	79,511	89,149	3,059	92,208
Number Sampled by Survey	2,773	4,007	599	370	7,749	3,110	47	3,157
Number Responded to Survey	2,134	3,374	475	271	6,254	2,446	31	2,477
Responded and Participated in Season	1,910	2,701	442	228	5,281	2,418	30	2,448
Responded but DID NOT HUNT	224	673	33	43	973	28	1	29
Survey Response Rate	77.0%	84.2%	79.3%	73.2%	80.7%	78.6%	66.0%	78.5%
No. Hunters Reporting Pheasant Days	1,897	2,683	438	228	5,246	2,410	30	2,440
Sum Pheasant Hunted Days	12,822	20,866	3,077	1,814	38,579	10,772	115	9,338
Average Days Hunted Pheasants	6.76	7.78	7.03	7.96	7.35	4.47	3.83	3.83
Sum Pheasants Bagged	15,188	29,420	2,731	2,141	49,480	23,932	177	24,109
Average Pheasant Bag for Season	8.01	10.97	6.24	9.39	9.43	9.93	5.90	9.88
Projected Days Pheasant Hunting	224,527	271,086	54,096	31,036	580,532	397,177	11,716	352,161
Projected No. Pheasant Hunters	33,214	34,844	7,695	3,899	78,984	88,854	3,059	91,948
Projected Pheasant Bag	266,044	382,239	48,017	36,612	744,819	882,320	18,048	908,446
TOTAL PHEASANT HARVEST =						1,653,265		
<u>RESIDENT-ONLY OPENING WEEKEND:</u>								
No. Hunters Reporting Pheasant Days	415	715	181	83	1,394	-	-	-
Sum Pheasant Hunted Days	649	1,082	273	127	2,131	-	-	-
Average Days Hunted Pheasants	1.56	1.51	1.51	1.53	1.53	-	-	-
Sum Pheasants Bagged	661	1,246	212	116	2,235	-	-	-
Average Pheasant Bag for Weekend	1.59	1.74	1.17	1.40	1.60	-	-	-
Projected Days Pheasant Hunting	11,335	14,022	4,802	2,171	32,112	-	-	-
Projected No. Pheasant Hunters	7,266	9,286	3,180	1,419	20,988	-	-	-
Projected Pheasant Bag	11,553	16,158	3,721	1,987	33,581	-	-	-
RESIDENT-ONLY WEEKEND PHEASANT HARVEST =						33,581		
<u>REGULAR OPENING WEEKEND:</u>								
No. Hunters Reporting Pheasant Days	1,267	1,688	309	172	3,436	991	8	999
Sum Pheasant Hunted Days	2,050	2,750	471	279	5,550	1,932	15	1,947
Average Days Hunted Pheasants	1.62	1.63	1.52	1.62	1.62	1.95	1.88	1.95
Sum Pheasants Bagged	3,268	4,872	532	443	9,115	4,367	14	4,381
Average Pheasant Bag for Season	2.58	2.89	1.72	2.58	2.65	4.41	1.75	4.39
Projected Days Pheasant Hunting	35,936	35,733	8,252	4,764	83,806	71,247	1,534	73,410
Projected No. Pheasant Hunters	22,183	21,922	5,429	2,941	51,732	36,537	816	37,646
Projected Pheasant Bag	57,232	63,355	9,338	7,588	137,090	161,128	1,428	165,266
REGULAR OPENING WEEKEND PHEASANT HARVEST =						302,356		
Pheasant Hunters Mean Satisfaction Score **	3.40	3.37	3.25	3.46	3.38	2.74	2.93	2.75
Upland Bird Hunters Mean Satisfaction Score **	3.41	3.39	3.27	3.46	3.39	2.74	2.93	2.75
<i>* Totals greater than licenses sold because many utilized more than one land type during season.</i>								
<i>** Based on scale of 1-7 with 1="very satisfied" and 7="very dissatisfied"</i>								

South Dakota Game Report No 2005-04 - 2004 Small Game, Upland Bird & Migratory Bird Harvest Projections
Corey Huxoll

**OPENING WEEKEND 2004 PHEASANT
SEASON PARTICIPATION AND BAG**

Last Revised: 15 July 05

	# Days Hunted	# Responded	% of Total	Ave. Bag
Res.	0	2,818	45.1%	
	1	1,322	21.1%	1.18
	2	2,114	33.8%	3.59
NonRes.	0	1,471	59.6%	
	1	51	2.1%	1.70
	2	948	38.4%	4.54

**2004 YOUTH-ONLY PHEASANT SEASON
PARTICIPATION**

Last Revised: 15 July 05

License Type	Number Participate	Did Not Participate	Percent Participated
Small Game	102	2,032	4.8%
Combination	163	3,211	4.8%
Youth Small Game	127	348	26.7%
Junior Combination	10	261	3.7%
Total	402	5,852	6.4%

**RESIDENT-ONLY WEEKEND 2004
PHEASANT SEASON PARTICIPATION AND
BAG**

Last Revised: 15 July 05

	# Days Hunted	# Responded	% of Total	Ave. Bag
Residents	0	4,860	77.7%	
	1	801	12.8%	0.98
	2	449	7.2%	2.26
	3	144	2.3%	3.06

**CLOSING WEEK 2004 PHEASANT
SEASON NONRESIDENT
PARTICIPATION AND BAG**

Last Revised: 15 July 05

# Days Hunted	# Responded	% Total Hunters	Ave. Bag
0	2,317	93.5%	
1	16	0.6%	1.75
2	46	1.9%	4.10
3	33	1.3%	7.27
4	29	1.2%	8.34
5	20	0.8%	11.05
6	8	0.3%	13.29
7	4	0.2%	9.50
8	1	0.0%	14.00
9	3	0.1%	21.00

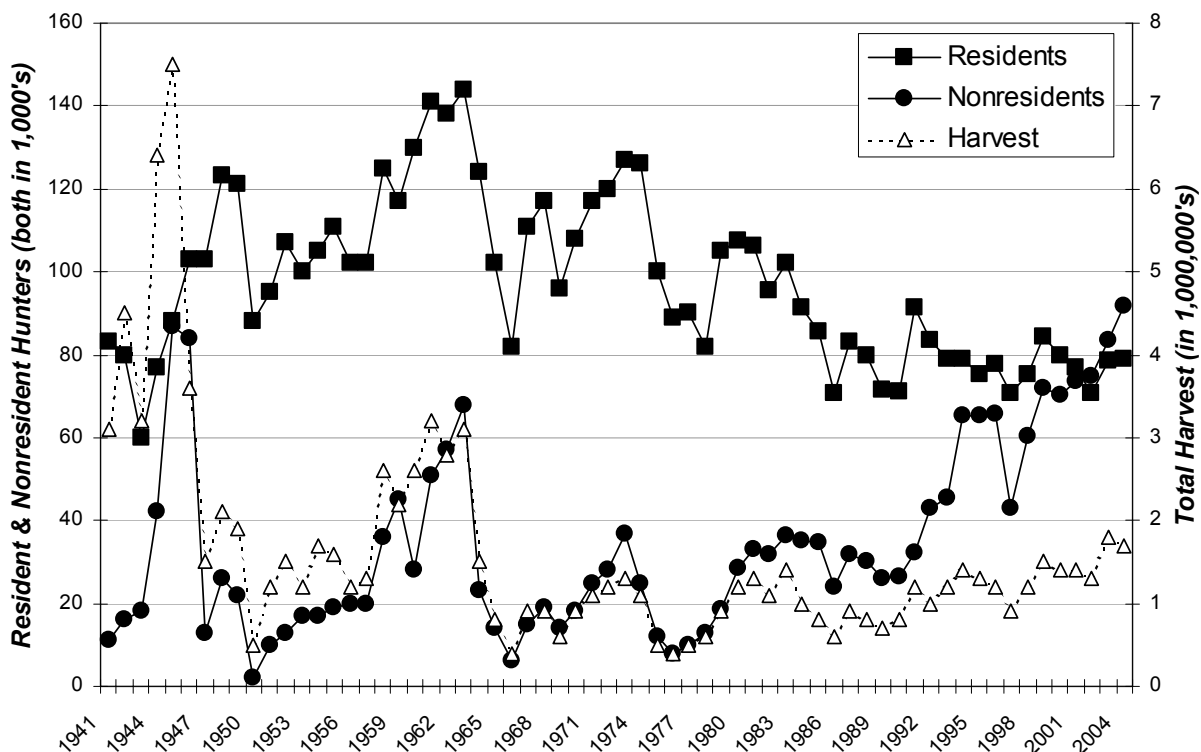
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Corey Huxoll

Resident Pheasant Harvest Distribution by County 2004									
COUNTY	HUNTER DISTRIBUTION				HARVEST DISTRIBUTION				Birds/Hunter **
	# Reported	# Projected	% of Total	# Proj w/ Unk *	# Reported	# Projected	% of Total	# Proj w/ Unk *	
Minnehaha	172	2,590	3.4	2,674	1,086	16,347	2.2	16,572	6.3
Pennington	9	136	0.2	140	20	301	0.0	305	2.2
Brown	270	4,065	5.3	4,197	3,269	49,208	6.7	49,885	12.1
Beadle	191	2,876	3.8	2,969	2,464	37,090	5.0	37,600	12.9
Codington	140	2,108	2.8	2,176	1,002	15,083	2.1	15,290	7.2
Brookings	219	3,297	4.3	3,404	2,107	31,717	4.3	32,153	9.6
Yankton	75	1,129	1.5	1,166	579	8,716	1.2	8,836	7.7
Davison	104	1,566	2.0	1,617	733	11,034	1.5	11,186	7.0
Lawrence	0	0	0.0	0	0	0	0.0	0	0
Aurora	170	2,560	3.3	2,643	2,027	30,512	4.2	30,931	11.9
Bennett	28	422	0.6	436	143	2,153	0.3	2,183	5.1
Bon Homme	49	738	1.0	762	332	4,998	0.7	5,067	6.8
Brule	132	1,987	2.6	2,052	1,314	19,780	2.7	20,052	10.0
Buffalo	24	361	0.5	373	266	4,004	0.5	4,059	11.1
Butte	12	181	0.2	187	36	542	0.1	549	3.0
Campbell	39	587	0.8	606	323	4,862	0.7	4,929	8.3
Charles Mix	132	1,987	2.6	2,052	878	13,216	1.8	13,398	6.7
Clark	130	1,957	2.6	2,021	1,318	19,840	2.7	20,113	10.1
Clay	64	964	1.3	995	436	6,563	0.9	6,653	6.8
Corson	19	286	0.4	295	84	1,264	0.2	1,281	4.4
Custer	5	75	0.1	77	13	196	0.0	199	2.6
Day	76	1,144	1.5	1,181	712	10,718	1.5	10,865	9.4
Deuel	54	813	1.1	839	440	6,623	0.9	6,714	8.1
Dewey	20	301	0.4	311	154	2,318	0.3	2,350	7.7
Douglas	63	949	1.2	980	422	6,352	0.9	6,439	6.7
Edmunds	124	1,867	2.4	1,928	1,596	24,024	3.3	24,354	12.9
Fall River	25	376	0.5	388	112	1,686	0.2	1,709	4.5
Faulk	62	933	1.2	963	737	11,094	1.5	11,247	11.9
Grant	60	903	1.2	932	395	5,946	0.8	6,028	6.6
Gregory	80	1,204	1.6	1,243	791	11,907	1.6	12,071	9.9
Haakon	33	497	0.6	513	257	3,869	0.5	3,922	7.8
Hamlin	120	1,807	2.4	1,866	1,105	16,633	2.3	16,862	9.2
Hand	139	2,093	2.7	2,161	1,521	22,896	3.1	23,211	10.9
Hanson	77	1,159	1.5	1,197	542	8,159	1.1	8,271	7.0
Harding	5	75	0.1	77	24	361	0.0	366	4.8
Hughes	110	1,656	2.2	1,710	1,018	15,324	2.1	15,535	9.3
Hutchinson	82	1,235	1.6	1,275	528	7,948	1.1	8,057	6.4
Hyde	26	391	0.5	404	191	2,875	0.4	2,915	7.4
Jackson	11	166	0.2	171	47	707	0.1	717	4.3
Jerauld	54	813	1.1	839	545	8,204	1.1	8,317	10.1
Jones	45	678	0.9	700	274	4,125	0.6	4,182	6.1
Kingsbury	117	1,762	2.3	1,819	1,237	18,620	2.5	18,876	10.6
Lake	129	1,942	2.5	2,005	1,120	16,859	2.3	17,091	8.7
Lincoln	85	1,280	1.7	1,322	564	8,490	1.2	8,607	6.6
Lyman	128	1,927	2.5	1,990	1,811	27,261	3.7	27,636	14.1
McCook	92	1,385	1.8	1,430	596	8,972	1.2	9,095	6.5
McPherson	53	798	1.0	824	549	8,264	1.1	8,378	10.4
Marshall	44	662	0.9	683	589	8,866	1.2	8,988	13.4
Meade	10	151	0.2	156	50	753	0.1	763	5.0
Mellette	14	211	0.3	218	82	1,234	0.2	1,251	5.8
Miner	141	2,123	2.8	2,192	1,409	21,210	2.9	21,502	10.0
Moody	67	1,009	1.3	1,042	537	8,083	1.1	8,194	8.0
Perkins	42	632	0.8	653	389	5,856	0.8	5,937	9.3
Potter	61	918	1.2	948	827	12,449	1.7	12,620	13.6
Roberts	70	1,054	1.4	1,088	600	9,032	1.2	9,156	8.6
Sanborn	109	1,641	2.1	1,694	996	14,993	2.0	15,199	9.1
Spink	208	3,132	4.1	3,234	2,892	43,533	5.9	44,131	13.9
Stanley	37	557	0.7	575	315	4,742	0.6	4,807	8.5
Sully	65	979	1.3	1,011	794	11,952	1.6	12,116	12.2
Tripp	147	2,213	2.9	2,285	1,957	29,459	4.0	29,864	13.3
Turner	88	1,325	1.7	1,368	642	9,664	1.3	9,797	7.3
Union	58	873	1.1	901	412	6,202	0.8	6,287	7.1
Walworth	55	828	1.1	855	541	8,144	1.1	8,256	9.8
Ziebach	6	90	0.1	93	38	572	0.1	580	6.4
Shannon	1	15	0.0	15	1	15	0.0	15	1.0
Todd	4	60	0.1	62	20	301	0.0	305	5.0
Unk/Unreported	165	2,484	-	-	671	10,101	-	-	4.1
TOTALS:	5,246	78,984	100%	78,983	49,480	744,819	100%	744,824	9.43
Last Revised: 31 March 05									
* Includes unknown county projection values by assuming unknown county values are distributed the same as reported county values. Total values may be different due to rounding.									
** Calculation uses "# projected" values without correction for unknown/unreported county values.									

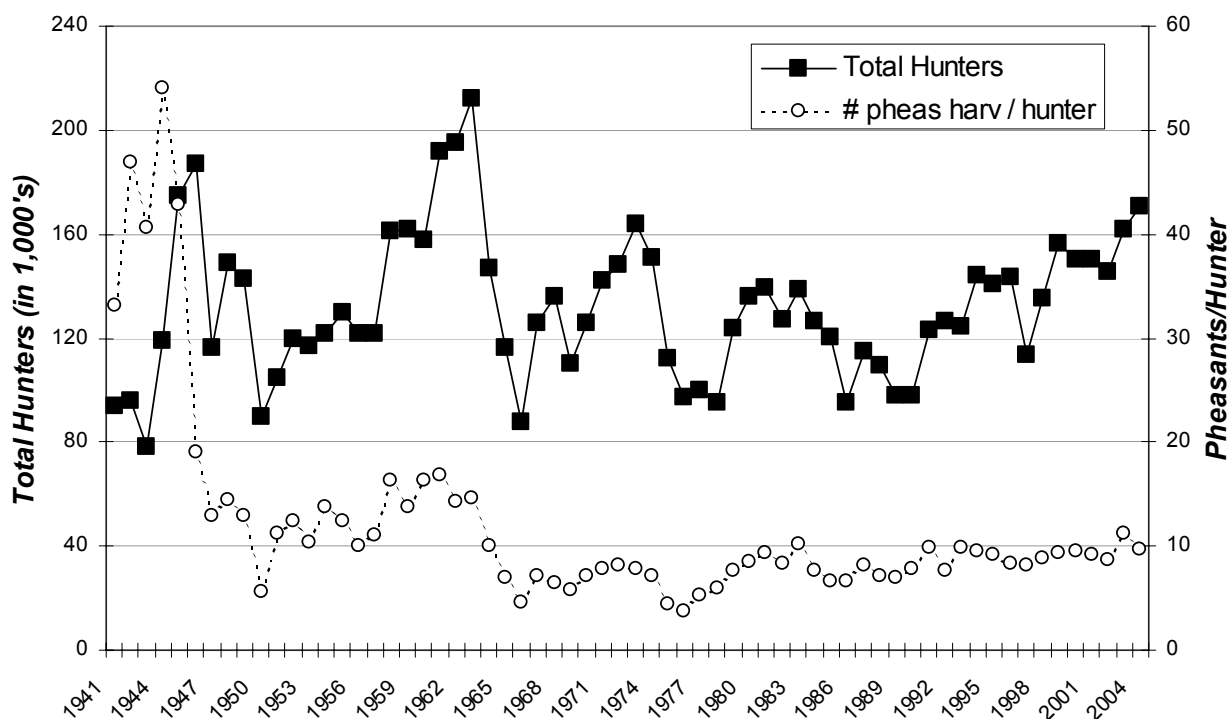
South Dakota Game Report No 2005-04 - 2004 Small Game, Upland Bird & Migratory Bird Harvest Projections
Corey Huxoll

Nonresident Pheasant Harvest Distribution by County 2004									
COUNTY	HUNTER DISTRIBUTION				HARVEST DISTRIBUTION				Birds/Hunter **
	# Reported	# Projected	% of Total	# Proj w/ Unk *	# Reported	# Projected	% of Total	# Proj w/ Unk *	
Minnehaha	7	264	0.3	277	31	1,168	0.1	1,208	4.4
Pennington	0	0	0.0	0	0	0	0.0	0	0
Brown	185	6,971	7.9	7,303	1819	68,541	7.8	70,863	9.8
Beadle	126	4,748	5.4	4,974	1312	49,437	5.6	51,112	10.4
Codington	35	1,319	1.5	1,382	262	9,872	1.1	10,206	7.5
Brookings	41	1,545	1.8	1,619	268	10,098	1.1	10,440	6.5
Yankton	18	678	0.8	710	166	6,255	0.7	6,467	9.2
Davison	84	3,165	3.6	3,316	690	26,000	3.0	26,881	8.2
Lawrence	3	113	0.1	118	35	1,319	0.2	1,364	11.7
Aurora	102	3,844	4.4	4,027	982	37,003	4.2	38,257	9.6
Bennett	7	264	0.3	277	49	1,846	0.2	1,909	7.0
Bon Homme	9	339	0.4	355	83	3,128	0.4	3,234	9.2
Brule	115	4,334	4.9	4,541	1250	47,101	5.4	48,697	10.9
Buffalo	9	339	0.4	355	120	4,522	0.5	4,675	13.3
Butte	1	38	0.0	40	12	452	0.1	467	11.9
Campbell	35	1,319	1.5	1,382	352	13,264	1.5	13,713	10.1
Charles Mix	60	2,261	2.6	2,369	623	23,475	2.7	24,270	10.4
Clark	89	3,354	3.8	3,514	946	35,646	4.1	36,854	10.6
Clay	7	264	0.3	277	7	264	0.0	273	1.0
Corson	10	377	0.4	395	90	3,391	0.4	3,506	9.0
Custer	2	75	0.1	79	3	113	0.0	117	1.5
Day	17	641	0.7	672	227	8,554	1.0	8,844	13.3
Deuel	1	38	0.0	40	3	113	0.0	117	3.0
Dewey	16	603	0.7	632	157	5,916	0.7	6,116	9.8
Douglas	40	1,507	1.7	1,579	469	17,672	2.0	18,271	11.7
Edmunds	68	2,562	2.9	2,684	929	35,005	4.0	36,191	13.7
Fall River	1	38	0.0	40	0	0	0.0	0	0.0
Faulk	55	2,073	2.4	2,172	596	22,458	2.6	23,219	10.8
Grant	5	188	0.2	197	33	1,243	0.1	1,285	6.6
Gregory	69	2,600	3.0	2,724	695	26,188	3.0	27,075	10.1
Haakon	6	226	0.3	237	30	1,130	0.1	1,168	5.0
Hamlin	35	1,319	1.5	1,382	308	11,606	1.3	11,999	8.8
Hand	78	2,939	3.3	3,079	880	33,159	3.8	34,282	11.3
Hanson	23	867	1.0	908	176	6,632	0.8	6,857	7.6
Harding	2	75	0.1	79	16	603	0.1	623	8.0
Hughes	50	1,884	2.1	1,974	507	19,104	2.2	19,751	10.1
Hutchinson	22	829	0.9	869	191	7,197	0.8	7,441	8.7
Hyde	12	452	0.5	474	101	3,806	0.4	3,935	8.4
Jackson	13	490	0.6	513	164	6,180	0.7	6,389	12.6
Jerauld	43	1,620	1.8	1,697	362	13,640	1.6	14,102	8.4
Jones	17	641	0.7	672	191	7,197	0.8	7,441	11.2
Kingsbury	32	1,206	1.4	1,263	330	12,435	1.4	12,856	10.3
Lake	17	641	0.7	672	215	8,101	0.9	8,375	12.6
Lincoln	3	113	0.1	118	22	829	0.1	857	7.3
Lyman	130	4,899	5.6	5,132	1417	53,394	6.1	55,203	10.9
McCook	11	415	0.5	435	51	1,922	0.2	1,987	4.6
McPherson	65	2,449	2.8	2,566	574	21,629	2.5	22,362	8.8
Marshall	7	264	0.3	277	77	2,901	0.3	2,999	11.0
Meade	2	75	0.1	79	21	791	0.1	818	10.5
Mellette	14	528	0.6	553	117	4,409	0.5	4,558	8.4
Miner	51	1,922	2.2	2,014	494	18,614	2.1	19,245	9.7
Moody	7	264	0.3	277	60	2,261	0.3	2,338	8.6
Perkins	6	226	0.3	237	71	2,675	0.3	2,766	11.8
Potter	30	1,131	1.3	1,185	367	13,829	1.6	14,298	12.2
Roberts	5	188	0.2	197	37	1,394	0.2	1,441	7.4
Sanborn	58	2,186	2.5	2,290	600	22,608	2.6	23,374	10.3
Spink	119	4,484	5.1	4,698	1330	50,115	5.7	51,813	11.2
Stanley	26	980	1.1	1,027	219	8,252	0.9	8,532	8.4
Sully	28	1,055	1.2	1,105	277	10,438	1.2	10,792	9.9
Tripp	142	5,351	6.1	5,606	1421	53,544	6.1	55,358	10.0
Turner	10	377	0.4	395	62	2,336	0.3	2,415	6.2
Union	3	113	0.1	118	26	980	0.1	1,013	8.7
Walworth	37	1,394	1.6	1,460	333	12,548	1.4	12,973	9.0
Ziebach	1	38	0.0	40	12	452	0.1	467	11.9
Shannon	2	75	0.1	79	10	377	0.0	390	5.0
Todd	5	188	0.2	197	41	1,545	0.2	1,597	8.2
Unk/Unreported	111	4,183	-	-	790	29,768	-	-	7.1
TOTALS	2,440	91,948	100%	91,954	24,109	908,446	100%	908,446	9.88
Last Revised: 31 March 05									
* Includes unknown county projection values by assuming unknown county values are distributed the same as reported county values. Total values may be different due to rounding.									
** Calculation uses "# projected" values without correction for unknown/unreported county values.									

SOUTH DAKOTA PHEASANT HARVEST 1941-2004



SOUTH DAKOTA PHEASANT HUNTERS AND AVERAGE SEASON HARVEST 1941-2004



GRAY PARTRIDGE

The 2004 partridge season covered 18 September – 2 January 2005 statewide except for the area covered by the counties of Roberts, Day, Grant, Clark, Codington, Hamlin, Deuel, Kingsbury, Brookings, Sanborn, Miner, Lake, Moody, Davison, Hanson, McCook, Minnehaha, Turner, Lincoln, Bon Homme, Yankton, Clay, Union, and Hutchinson east of the James River where the season started 16 October. Harvest surveys were sent to both resident and nonresident hunters. The daily limit was 5 birds, possession 15. To hunt partridge, residents were required to hold small game, 1-day small game, adult or junior combination, or youth small game licenses; nonresidents were required to obtain a nonresident small game, a nonresident youth small game, or nonresident shooting preserve license. None of the shooting preserve license holders were surveyed, nor is their harvest included in any of the data in this report.

In 2004, there were 94,160 residents and 93,342 nonresidents licensed to hunt partridge. Approximately 8.2% of residents and 3.4% of nonresidents were surveyed for the upland bird seasons. Survey response rates were 80.7% for residents and 78.5% for nonresidents.

Based on survey responses indicating at least one day of hunting partridge, there were a projected 3,357 resident (998 small game, 1,909 combination, 246 youth small game, 85 junior combination) and 2,186 nonresident partridge hunters.

From the survey responses, an estimated 9,280 partridge were harvested (6,110 by residents, 3,170 by nonresidents) during the 2004 season. When asked their satisfaction on the season, (1 being most satisfied, 7 being least satisfied), resident upland bird hunters reported an average satisfaction rating of 3.39 while nonresidents reported an average satisfaction rating of 2.75. Resident partridge hunters reported an average satisfaction rating of 3.39 while nonresidents reported a higher satisfaction rating of 2.75.

Comparison of the 1997 - 2004 gray partridge harvests

Year	Resident Hunters					Nonresident Hunters				
	Number Hunters	Harvest	Ave Day Hunted	Ave Bag	Satisfaction	Number Hunters	Harvest	Ave Day Hunted	Ave Bag	Satisfaction
1997	2,223	5,386	n/a	2.38	n/a	313	140	n/a	1.33	n/a
1998	2,274	6,294	n/a	2.74	3.67	586	1,797	n/a	3.07	2.78
1999	2,788	7,472	n/a	2.68	3.40	1,031	5,825	n/a	5.65	2.67
2000	4,165	17,743	7.50	4.26	3.29	2,263	6,065	5.28	2.68	2.80
2001	4,520	10,080	7.02	2.23	3.61	2,043	4,025	4.92	1.97	2.92
2002	4,030	9,471	7.36	2.35	3.83	2,750	5,390	4.20	1.96	3.07
2003	4,701	10,342	7.35	2.20	2.93	2,634	5,347	4.26	2.03	1.96
2004	3,357	6,110	6.70	1.82	3.39	2,186	3,170	4.45	1.45	2.53

South Dakota Game Report No 2005-04 - 2004 Small Game, Upland Bird & Migratory Bird Harvest Projections
Corey Huxoll

PARTRIDGE HARVEST PROJECTIONS FOR 2004

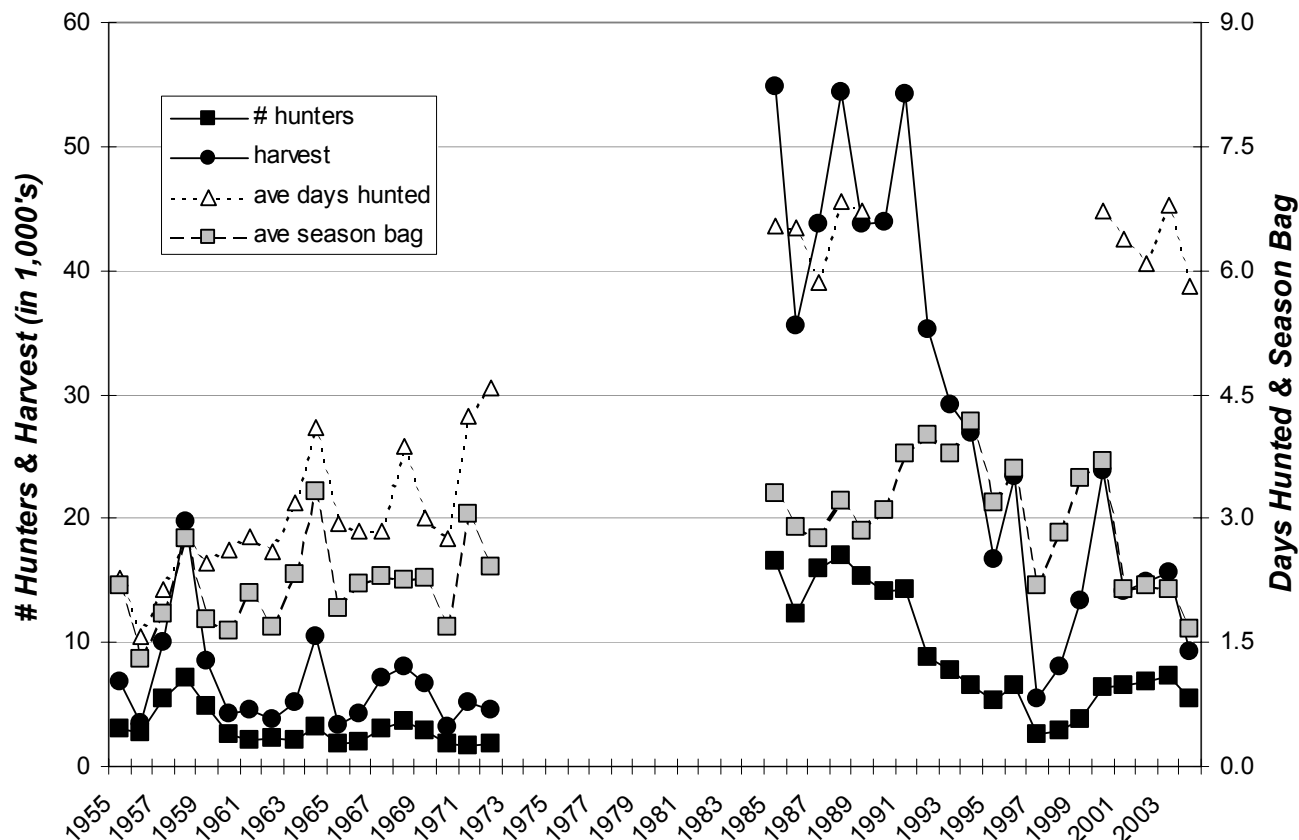
Revised: 15 July 05

	RESIDENT TOTALS BY LICENSE TYPE					NONRESIDENT TOTALS		
	Small		Youth	Junior	Sum	Nonres	Youth Sm	Sum
	Game	Combo	SmGm	Combo	Estimates	Sm Game	Game	Estimates
Number in Database	36,469	43,241	7,893	4,451	92,054	87,754	3,036	90,790
Licenses Sold	37,363	43,818	8,345	4,634	94,160	90,181	3,161	93,342
Projected ACTIVE UPLAND BIRD HUNTERS	33,441	35,078	7,765	3,899	79,511	89,149	3,059	92,208
Number Sampled by Survey	2,773	4,007	599	370	7,749	3,110	47	3,157
Number Responded to Survey	2,134	3,374	475	271	6,254	2,446	31	2,477
Responded and Participated in Season	1,910	2,701	442	228	5,281	2,418	30	2,448
Responded but DID NOT HUNT	224	673	33	43	973	28	1	29
Survey Response Rate	77.0%	84.2%	79.3%	73.2%	80.7%	78.6%	66.0%	78.5%
No. Hunters Reporting Partridge Days	57	147	14	5	223	57	1	58
Sum Partridge Hunted Days	451	929	75	40	1,495	257	1	258
Average Days Hunted Partridge	7.91	6.32	5.36	8.00	6.70	4.51	1.00	4.45
Sum Partridge Bagged	120	246	16	23	405	84	0	84
Average Season Partridge Bag	2.11	1.67	1.14	4.60	1.82	1.47	0.00	1.45
Projected Days Partridge Hunting	7,894	12,065	1,319	680	22,492	9,480	102	9,728
Projected No. Partridge Hunters	998	1,909	246	85	3,357	2,102	102	2,186
Projected Partridge Bag	2,106	3,188	280	391	6,110	3,090	0	3,170
TOTAL HUNGARIAN PARTRIDGE HARVEST =						9,280		
Partridge Hunters Mean Satisfaction Score **	3.51	3.38	3.29	2.60	3.39	2.49	5.00	2.53
Upland Bird Hunters Mean Satisfaction Score **	3.41	3.39	3.27	3.46	3.39	2.74	2.93	2.75

* Totals greater than licenses sold because many utilized more than one land type during season.

** Based on scale of 1-7 with 1="very satisfied" and 7="very dissatisfied"

STATEWIDE GRAY PARTRIDGE HARVEST, 1955-2004



South Dakota Game Report No 2005-04 - 2004 Small Game, Upland Bird & Migratory Bird Harvest Projections
Corey Huxoll

Resident Partridge Harvest Distribution by County 2004										
COUNTY	HUNTER DISTRIBUTION				HARVEST DISTRIBUTION				Birds/Hunter **	
	# Reported	# Projected	% of Total	# Proj w/ Unk *	# Reported	# Projected	% of Total	# Proj w/ Unk *		
Minnehaha	5	75	2.3	77	3	45	0.8	49	0.6	
Pennington	0	0	0.0	0	0	0	0.0	0	0	
Brown	4	60	1.8	62	0	0	0.0	0	0.0	
Beadle	2	30	0.9	31	8	121	2.2	132	4.0	
Codington	12	181	5.6	187	49	739	13.2	807	4.1	
Brookings	11	166	5.1	171	6	91	1.6	99	0.5	
Yankton	2	30	0.9	31	2	30	0.5	33	1.0	
Davison	1	15	0.5	15	0	0	0.0	0	0.0	
Lawrence	1	15	0.5	15	4	60	1.1	65	4.0	
Aurora	2	30	0.9	31	0	0	0.0	0	0.0	
Bennett	0	0	0.0	0	0	0	0.0	0	0	
Bon Homme	4	60	1.8	62	5	75	1.3	82	1.3	
Brule	5	75	2.3	77	19	287	5.1	313	3.8	
Buffalo	1	15	0.5	15	6	91	1.6	99	6.1	
Butte	7	105	3.2	108	24	362	6.5	395	3.4	
Campbell	2	30	0.9	31	3	45	0.8	49	1.5	
Charles Mix	3	45	1.4	46	2	30	0.5	33	0.7	
Clark	2	30	0.9	31	2	30	0.5	33	1.0	
Clay	1	15	0.5	15	0	0	0.0	0	0.0	
Corson	7	105	3.2	108	13	196	3.5	214	1.9	
Custer	0	0	0.0	0	0	0	0.0	0	0	
Day	9	135	4.2	139	13	196	3.5	214	1.5	
Deuel	10	151	4.6	156	15	226	4.0	247	1.5	
Dewey	5	75	2.3	77	5	75	1.3	82	1.0	
Douglas	0	0	0.0	0	0	0	0.0	0	0	
Edmunds	3	45	1.4	46	4	60	1.1	65	1.3	
Fall River	1	15	0.5	15	2	30	0.5	33	2.0	
Faulk	3	45	1.4	46	2	30	0.5	33	0.7	
Grant	8	120	3.7	124	21	317	5.7	346	2.6	
Gregory	6	90	2.8	93	5	75	1.3	82	0.8	
Haakon	0	0	0.0	0	0	0	0.0	0	0	
Hamlin	3	45	1.4	46	9	136	2.4	148	3.0	
Hand	5	75	2.3	77	5	75	1.3	82	1.0	
Hanson	3	45	1.4	46	3	45	0.8	49	1.0	
Harding	4	60	1.8	62	9	136	2.4	148	2.3	
Hughes	6	90	2.8	93	3	45	0.8	49	0.5	
Hutchinson	3	45	1.4	46	3	45	0.8	49	1.0	
Hyde	0	0	0.0	0	0	0	0.0	0	0	
Jackson	0	0	0.0	0	0	0	0.0	0	0	
Jerauld	1	15	0.5	15	0	0	0.0	0	0.0	
Jones	0	0	0.0	0	0	0	0.0	0	0	
Kingsbury	7	105	3.2	108	4	60	1.1	65	0.6	
Lake	4	60	1.8	62	2	30	0.5	33	0.5	
Lincoln	5	75	2.3	77	10	151	2.7	165	2.0	
Lyman	2	30	0.9	31	4	60	1.1	65	2.0	
McCook	5	75	2.3	77	4	60	1.1	65	0.8	
McPherson	2	30	0.9	31	0	0	0.0	0	0.0	
Marshall	2	30	0.9	31	12	181	3.2	198	6.0	
Meade	8	120	3.7	124	15	226	4.0	247	1.9	
Mellette	0	0	0.0	0	0	0	0.0	0	0	
Miner	4	60	1.8	62	4	60	1.1	65	1.0	
Moody	5	75	2.3	77	12	181	3.2	198	2.4	
Perkins	12	181	5.6	187	35	528	9.4	576	2.9	
Potter	3	45	1.4	46	3	45	0.8	49	1.0	
Roberts	1	15	0.5	15	0	0	0.0	0	0.0	
Sanborn	0	0	0.0	0	0	0	0.0	0	0	
Spink	1	15	0.5	15	3	45	0.8	49	3.0	
Stanley	0	0	0.0	0	0	0	0.0	0	0	
Sully	3	45	1.4	46	2	30	0.5	33	0.7	
Tripp	2	30	0.9	31	10	151	2.7	165	5.0	
Turner	3	45	1.4	46	2	30	0.5	33	0.7	
Union	0	0	0.0	0	0	0	0.0	0	0	
Walworth	2	30	0.9	31	0	0	0.0	0	0.0	
Ziebach	3	45	1.4	46	4	60	1.1	65	1.3	
Shannon	0	0	0.0	0	0	0	0.0	0	0	
Todd	0	0	0.0	0	0	0	0.0	0	0	
Unknown	7	105	-	-	34	513	-	-	4.9	
TOTALS:	223	3,357	100%	3,337	405	6,110	99%	6,101	1.82	
Last Revised: 15 July 05										
* Includes unknown county projection values by assuming unknown county values are distributed the same as reported county values. Total values may be different due to rounding.										
** Calculation uses "# projected" values without correction for unknown/unreported county values.										

South Dakota Game Report No 2005-04 - 2004 Small Game, Upland Bird & Migratory Bird Harvest Projections
Corey Huxoll

Nonresident Partridge Harvest Distribution by County 2004										
COUNTY	HUNTER DISTRIBUTION					HARVEST DISTRIBUTION				Birds/Hunter **
	# Reported	# Projected	% of Total	# Proj w/ Unk *		# Reported	# Projected	% of Total	# Proj w/ Unk *	
Minnehaha	0	0	0.0	0		0	0	0.0	0	0
Pennington	0	0	0.0	0		0	0	0.0	0	0
Brown	4	151	7.2	156		12	453	14.8	470	3.0
Beadle	3	113	5.4	117		2	75	2.5	78	0.7
Codington	1	38	1.8	39		1	38	1.2	39	1.0
Brookings	2	75	3.6	78		2	75	2.5	78	1.0
Yankton	0	0	0.0	0		0	0	0.0	0	0
Davison	1	38	1.8	39		0	0	0.0	0	0.0
Lawrence	0	0	0.0	0		0	0	0.0	0	0
Aurora	2	75	3.6	78		3	113	3.7	117	1.5
Bennett	1	38	1.8	39		0	0	0.0	0	0.0
Bon Homme	0	0	0.0	0		0	0	0.0	0	0
Brule	2	75	3.6	78		14	528	17.3	548	7.0
Buffalo	0	0	0.0	0		0	0	0.0	0	0
Butte	0	0	0.0	0		0	0	0.0	0	0
Campbell	3	113	5.4	117		3	113	3.7	117	1.0
Chas Mix	1	38	1.8	39		0	0	0.0	0	0.0
Clark	3	113	5.4	117		5	189	6.2	196	1.7
Clay	0	0	0.0	0		0	0	0.0	0	0
Corson	1	38	1.8	39		3	113	3.7	117	3.0
Custer	0	0	0.0	0		0	0	0.0	0	0
Day	2	75	3.6	78		0	0	0.0	0	0.0
Deuel	0	0	0.0	0		0	0	0.0	0	0
Dewey	1	38	1.8	39		3	113	3.7	117	3.0
Douglas	1	38	1.8	39		1	38	1.2	39	1.0
Edmunds	0	0	0.0	0		0	0	0.0	0	0
Fall River	0	0	0.0	0		0	0	0.0	0	0
Faulk	0	0	0.0	0		0	0	0.0	0	0
Grant	0	0	0.0	0		0	0	0.0	0	0
Gregory	1	38	1.8	39		0	0	0.0	0	0.0
Haakon	0	0	0.0	0		0	0	0.0	0	0
Hamlin	1	38	1.8	39		2	75	2.5	78	2.0
Hand	0	0	0.0	0		0	0	0.0	0	0
Hanson	0	0	0.0	0		0	0	0.0	0	0
Harding	0	0	0.0	0		0	0	0.0	0	0
Hughes	2	75	3.6	78		2	75	2.5	78	1.0
Hutchinson	0	0	0.0	0		0	0	0.0	0	0
Hyde	0	0	0.0	0		0	0	0.0	0	0
Jackson	0	0	0.0	0		0	0	0.0	0	0
Jerauld	2	75	3.6	78		1	38	1.2	39	0.5
Jones	0	0	0.0	0		0	0	0.0	0	0
Kingsbury	1	38	1.8	39		0	0	0.0	0	0.0
Lake	0	0	0.0	0		0	0	0.0	0	0
Lincoln	0	0	0.0	0		0	0	0.0	0	0
Lyman	4	151	7.2	156		2	75	2.5	78	0.5
McCook	0	0	0.0	0		0	0	0.0	0	0
McPherson	5	188	8.9	195		7	264	8.6	274	1.4
Marshall	1	38	1.8	39		0	0	0.0	0	0.0
Meade	0	0	0.0	0		0	0	0.0	0	0
Mellette	1	38	1.8	39		1	38	1.2	39	1.0
Miner	0	0	0.0	0		0	0	0.0	0	0
Moody	0	0	0.0	0		0	0	0.0	0	0
Perkins	2	75	3.6	78		7	264	8.6	274	3.5
Potter	1	38	1.8	39		1	38	1.2	39	1.0
Roberts	0	0	0.0	0		0	0	0.0	0	0
Sanborn	0	0	0.0	0		0	0	0.0	0	0
Spink	3	113	5.4	117		2	75	2.5	78	0.7
Stanley	1	38	1.8	39		4	151	4.9	157	4.0
Sully	0	0	0.0	0		0	0	0.0	0	0
Tripp	1	38	1.8	39		1	38	1.2	39	1.0
Turner	1	38	1.8	39		0	0	0.0	0	0.0
Union	0	0	0.0	0		0	0	0.0	0	0
Walworth	0	0	0.0	0		0	0	0.0	0	0
Ziebach	1	38	1.8	39		2	75	2.5	78	2.0
Shannon	0	0	0.0	0		0	0	0.0	0	0
Todd	0	0	0.0	0		0	0	0.0	0	0
Unknown	2	75	-	-		3	113	-	-	1.5
TOTALS:	58	2,186	100.7%	2,184		84	3,170	99.9%	3,167	1.45
Last Revised: 15 July 05										
* Includes unknown county projection values by assuming unknown county values are distributed the same as reported county values. Total values may be different due to rounding.										
** Calculation uses "# projected" values without correction for unknown/unreported county values.										

PRAIRIE CHICKEN & SHARP-TAILED GROUSE

Historically, these two species, plus ruffed grouse, were combined under the name "Prairie Grouse." In these reports, harvest estimates for these species were combined. It has been estimated that sharptails probably make up 60% of the prairie grouse harvest, ruffed grouse are almost inconsequential due to the numbers harvested. However, hunters have not been asked species-specific questions of these species. Therefore, they continue to be combined for this report.

The 2004 grouse season covered 18 September - 2 January 2005 in all areas west of the Missouri River (except Lacreek National Wildlife Refuge which was open 16 October - 2 January 2005) plus the counties of Deuel, Campbell, Walworth, Edmunds, McPherson, Marshall, Potter, Sully, Hughes, Faulk, Beadle, Hyde, Hand, Brown, Spink, Buffalo, Jerauld, Brule, Aurora, Charles Mix, Douglas, and that portion of Hutchinson west of the James River, and 16 October - 2 January 2005 in all areas not listed above. Harvest surveys were sent to both resident and nonresident hunters. The daily limit was 3 birds, possession 15. To hunt grouse residents were required to hold a small game, 1-day small game, adult or junior combination, or youth small game license; nonresidents were required to obtain the nonresident small game, the nonresident youth small game, or nonresident shooting preserve license. No shooting preserve license holders were surveyed and none of their harvest is included in any of the data in this report.

In 2004, there were 94,160 residents and 93,342 nonresidents licensed to hunt grouse. Approximately 8.2% of residents and 3.4% of nonresidents were surveyed for the upland bird seasons. Survey response rates were 80.7% for residents and 78.5% for nonresidents.

Based on survey responses indicating at least one day of hunting grouse, there were a projected 7,859 resident (2,329 small game, 4,403 combination, 580 youth small game, 291 junior combination) and 3,655 nonresident (3,539 small game, 102 youth small game) grouse hunters.

From the survey responses, a projected total of 39,188 grouse were harvested (27,821 by residents, 11,367 by nonresidents) during the 2004 season. The estimated 2004 grouse harvest was the lowest on record since 1962.

When asked their satisfaction on the season, (1 being very satisfied, 7 being very dissatisfied), resident upland bird hunters reported an average rating of 3.39 while nonresidents reported a satisfaction rating of 2.75. Resident grouse hunters reported an average satisfaction rating of 3.19 while nonresidents reported a satisfaction rating of 2.75.

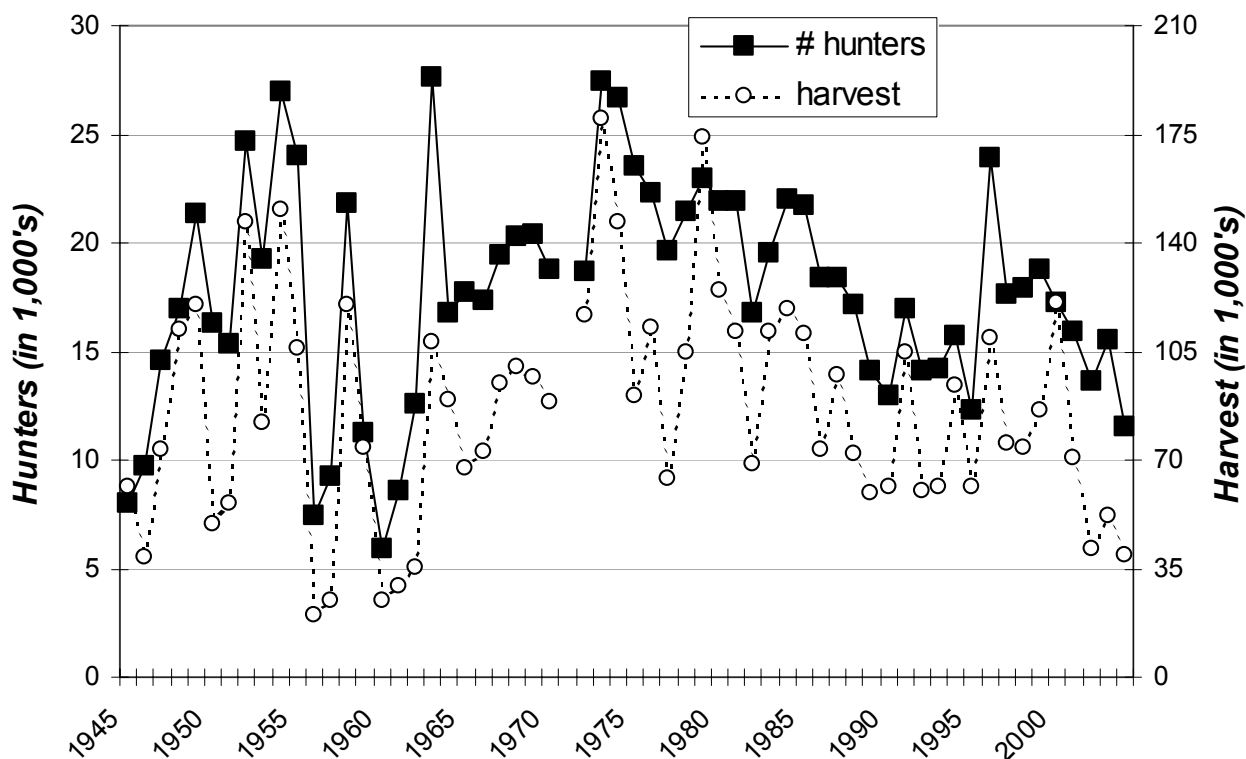
A comparison of the 1997 - 2004 prairie grouse harvests:

Year	Resident Hunters					Nonresident Hunters				
	Number Hunters	Harvest	Ave Day Hunted	Ave Bag	Satisfaction	Number Hunters	Harvest	Ave Day Hunted	Ave Bag	Satisfaction
1997	13,651	62,705	4.83	4.66	NA	3,972	12,585	4.06	3.20	NA
1998	12,728	57,452	4.44	4.57	3.67	5,139	16,880	4.25	3.30	2.78
1999	13,143	64,401	4.72	4.90	3.40	5,638	21,875	4.15	3.88	2.67
2000	12,369	100,807	5.75	8.15	3.29	4,841	20,139	4.20	4.16	2.80
2001	10,852	53,392	4.80	4.92	3.45	4,943	16,411	4.11	3.32	2.77
2002	8,644	29,649	4.37	3.43	3.83	4,963	11,762	4.32	2.37	3.24
2003	9,478	37,249	4.05	3.93	3.02	6,058	14,660	3.84	2.42	2.47
2004	7,859	27,821	4.12	3.54	3.19	3,655	11,367	4.04	3.11	2.61

South Dakota Game Report No 2005-04 - 2004 Small Game, Upland Bird & Migratory Bird Harvest Projections
Corey Huxoll

PRAIRIE GROUSE HARVEST PROJECTIONS FOR 2004						NONRESIDENT TOTALS		
<i>Revised: 15 July 05</i>								
	RESIDENT TOTALS BY LICENSE TYPE							
	Small Game	Combo	Youth SmGm	Junior Combo	Sum Estimates	Nonres Sm Game	Youth Sm Game	Sum Estimates
Number in Database	36,469	43,241	7,893	4,451	92,054	87,754	3,036	90,790
Licenses Sold	37,363	43,818	8,345	4,634	94,160	90,181	3,161	93,342
Projected ACTIVE UPLAND BIRD HUNTERS	33,441	35,078	7,765	3,899	79,511	89,149	3,059	92,208
Number Sampled by Survey	2,773	4,007	599	370	7,749	3,110	47	3,157
Number Responded to Survey	2,134	3,374	475	271	6,254	2,446	31	2,477
Responded and Participated in Season	1,910	2,701	442	228	5,281	2,418	30	2,448
Responded but DID NOT HUNT	224	673	33	43	973	28	1	29
Survey Response Rate	77.0%	84.2%	79.3%	73.2%	80.7%	78.6%	66.0%	78.5%
No. Hunters Reporting Grouse Days	133	339	33	17	522	96	1	97
Sum Grouse Hunted Days	523	1,435	117	74	2,149	388	4	392
Average Days Hunted Grouse	3.93	4.23	3.55	4.35	4.12	4.04	4.00	4.04
Sum Grouse Bagged	422	1,296	67	63	1,848	300	2	302
Average Season Grouse Bag	3.17	3.82	2.03	3.71	3.54	3.13	2.00	3.11
Projected Days Grouse Hunting	9,153	18,625	2,059	1,266	32,379	14,298	408	14,766
Projected No. Grouse Hunters	2,329	4,403	580	291	7,859	3,539	102	3,655
Projected Grouse Bag	7,383	16,819	1,177	1,080	27,821	11,077	204	11,367
TOTAL GROUSE HARVEST =						39,188		
Grouse Hunters Mean Satisfaction Score **	3.41	3.13	3.06	2.88	3.19	2.62	2.00	2.61
Upland Bird Hunters Mean Satisfaction Score **	3.41	3.39	3.27	3.46	3.39	2.74	2.93	2.75
<i>* Totals greater than licenses sold because many utilized more than one land type during season.</i>								
<i>** Based on scale of 1-7 with 1="very satisfied" and 7="very dissatisfied"</i>								

PRAIRIE GROUSE HUNTERS & HARVEST 1945-2004



South Dakota Game Report No 2005-04 - 2004 Small Game, Upland Bird & Migratory Bird Harvest Projections
Corey Huxoll

Resident Grouse Harvest Distribution by County 2004										
COUNTY	HUNTER DISTRIBUTION				HARVEST DISTRIBUTION				Birds/Hunter	
	# Reported	# Projected	% of Total	# Proj w/ Unk *	# Reported	# Projected	% of Total	# Proj w/ Unk *		
Minnehaha	1	15	0.2	16	0	0	0.0	0	0.0	
Pennington	22	331	4.5	350	48	723	2.7	741	2.2	
Brown	5	75	1.0	79	10	151	0.6	155	2.0	
Beadle	4	60	0.8	63	5	75	0.3	77	1.3	
Codington	4	60	0.8	63	6	90	0.3	92	1.5	
Brookings	1	15	0.2	16	2	30	0.1	31	2.0	
Yankton	0	0	0.0	0	0	0	0.0	0	0	
Davison	3	45	0.6	48	6	90	0.3	92	2.0	
Lawrence	2	30	0.4	32	5	75	0.3	77	2.5	
Aurora	4	60	0.8	63	2	30	0.1	31	0.5	
Bennett	13	196	2.6	207	45	677	2.5	694	3.5	
Bon Homme	1	15	0.2	16	0	0	0.0	0	0.0	
Brule	2	30	0.4	32	6	90	0.3	92	3.0	
Buffalo	2	30	0.4	32	4	60	0.2	61	2.0	
Butte	14	211	2.8	223	25	376	1.4	385	1.8	
Campbell	2	30	0.4	32	15	226	0.8	232	7.5	
Charles Mix	6	90	1.2	95	15	226	0.8	232	2.5	
Clark	1	15	0.2	16	4	60	0.2	61	4.0	
Clay	0	0	0.0	0	0	0	0.0	0	0	
Corson	20	301	4.0	318	127	1,912	7.0	1,960	6.4	
Custer	2	30	0.4	32	1	15	0.1	15	0.5	
Day	8	120	1.6	127	16	241	0.9	247	2.0	
Deuel	3	45	0.6	48	2	30	0.1	31	0.7	
Dewey	27	407	5.5	430	148	2,228	8.2	2,284	5.5	
Douglas	0	0	0.0	0	0	0	0.0	0	0	
Edmunds	4	60	0.8	63	4	60	0.2	61	1.0	
Fall River	4	60	0.8	63	3	45	0.2	46	0.8	
Faulk	6	90	1.2	95	22	331	1.2	339	3.7	
Grant	6	90	1.2	95	20	301	1.1	309	3.3	
Gregory	12	181	2.4	191	36	542	2.0	556	3.0	
Haakon	27	407	5.5	430	115	1,731	6.4	1,774	4.3	
Hamlin	2	30	0.4	32	0	0	0.0	0	0.0	
Hand	6	90	1.2	95	5	75	0.3	77	0.8	
Hanson	1	15	0.2	16	1	15	0.1	15	1.0	
Harding	6	90	1.2	95	33	497	1.8	509	5.5	
Hughes	8	120	1.6	127	4	60	0.2	61	0.5	
Hutchinson	1	15	0.2	16	2	30	0.1	31	2.0	
Hyde	0	0	0.0	0	0	0	0.0	0	0	
Jackson	12	181	2.4	191	11	166	0.6	170	0.9	
Jerauld	4	60	0.8	63	5	75	0.3	77	1.3	
Jones	13	196	2.6	207	60	903	3.3	926	4.6	
Kingsbury	1	15	0.2	16	0	0	0.0	0	0.0	
Lake	3	45	0.6	48	0	0	0.0	0	0.0	
Lincoln	1	15	0.2	16	1	15	0.1	15	1.0	
Lyman	35	527	7.1	557	122	1,837	6.8	1,883	3.5	
McCook	1	15	0.2	16	0	0	0.0	0	0.0	
McPherson	6	90	1.2	95	13	196	0.7	201	2.2	
Marshall	3	45	0.6	48	18	271	1.0	278	6.0	
Meade	39	587	7.9	620	176	2,650	9.8	2,716	4.5	
Mellette	17	256	3.4	271	113	1,701	6.3	1,743	6.6	
Miner	0	0	0.0	0	0	0	0.0	0	0	
Moody	0	0	0.0	0	0	0	0.0	0	0	
Perkins	28	422	5.7	446	150	2,258	8.3	2,314	5.4	
Potter	4	60	0.8	63	6	90	0.3	92	1.5	
Roberts	3	45	0.6	48	0	0	0.0	0	0.0	
Sanborn	0	0	0.0	0	0	0	0.0	0	0	
Spink	2	30	0.4	32	2	30	0.1	31	1.0	
Stanley	50	753	10.1	796	184	2,770	10.2	2,839	3.7	
Sully	7	105	1.4	111	21	316	1.2	324	3.0	
Tripp	17	256	3.4	271	84	1,265	4.7	1,297	4.9	
Turner	1	15	0.2	16	1	15	0.1	15	1.0	
Union	0	0	0.0	0	0	0	0.0	0	0	
Walworth	4	60	0.8	63	7	105	0.4	108	1.8	
Ziebach	8	120	1.6	127	61	918	3.4	941	7.7	
Shannon	1	15	0.2	16	1	15	0.1	15	1.0	
Todd	4	60	0.8	63	30	452	1.7	463	7.5	
Unknown	28	422	-	-	45	677	-	-	1.6	
TOTALS:	522	7,859	99.5%	7,856	1,848	27,821	100%	27,816	3.54	
Last Revised: 2 Aug 05										
* Includes unknown county projection values by assuming unknown county values are distributed the same as reported county values. Total values may be different due to rounding.										
** Calculation uses "# projected" values without correction for unknown/unreported county values.										

South Dakota Game Report No 2005-04 - 2004 Small Game, Upland Bird & Migratory Bird Harvest Projections
Corey Huxoll

Nonresident Grouse Harvest Distribution by County 2004										
COUNTY	HUNTER DISTRIBUTION				HARVEST DISTRIBUTION				Birds/Hunter	
	# Reported	# Projected	% of Total	# Proj w/ Unk *	# Reported	# Projected	% of Total	# Proj w/ Unk *		
Minnehaha	0	0	0.0	0	0	0	0.0	0	0	0
Pennington	0	0	0.0	0	0	0	0.0	0	0	0
Brown	4	151	4.8	174	5	188	1.9	218	1.2	1.2
Beadle	2	75	2.4	87	2	75	0.8	87	1.0	1.0
Codington	0	0	0.0	0	0	0	0.0	0	0	0
Brookings	0	0	0.0	0	0	0	0.0	0	0	0
Yankton	0	0	0.0	0	0	0	0.0	0	0	0
Davison	0	0	0.0	0	0	0	0.0	0	0	0
Lawrence	1	38	1.2	44	6	226	2.3	261	5.9	5.9
Aurora	0	0	0.0	0	0	0	0.0	0	0	0
Bennett	1	38	1.2	44	2	75	0.8	87	2.0	2.0
Bon Homme	0	0	0.0	0	0	0	0.0	0	0	0
Brule	0	0	0.0	0	0	0	0.0	0	0	0
Buffalo	0	0	0.0	0	0	0	0.0	0	0	0
Butte	1	38	1.2	44	0	0	0.0	0	0.0	0.0
Campbell	2	75	2.4	87	4	151	1.5	175	2.0	2.0
Chas Mix	1	38	1.2	44	2	75	0.8	87	2.0	2.0
Clark	0	0	0.0	0	0	0	0.0	0	0	0
Clay	0	0	0.0	0	0	0	0.0	0	0	0
Corson	1	38	1.2	44	6	226	2.3	261	5.9	5.9
Custer	0	0	0.0	0	0	0	0.0	0	0	0
Day	2	75	2.4	87	4	151	1.5	175	2.0	2.0
Deuel	0	0	0.0	0	0	0	0.0	0	0	0
Dewey	9	339	10.7	391	34	1,280	13.0	1,481	3.8	3.8
Douglas	1	38	1.2	44	2	75	0.8	87	2.0	2.0
Edmunds	1	38	1.2	44	0	0	0.0	0	0.0	0.0
Fall River	0	0	0.0	0	0	0	0.0	0	0	0
Faulk	0	0	0.0	0	0	0	0.0	0	0	0
Grant	0	0	0.0	0	0	0	0.0	0	0	0
Gregory	3	113	3.6	130	6	226	2.3	261	2.0	2.0
Haakon	1	38	1.2	44	0	0	0.0	0	0.0	0.0
Hamlin	0	0	0.0	0	0	0	0.0	0	0	0
Hand	0	0	0.0	0	0	0	0.0	0	0	0
Hanson	0	0	0.0	0	0	0	0.0	0	0	0
Harding	1	38	1.2	44	5	188	1.9	218	4.9	4.9
Hughes	2	75	2.4	87	3	113	1.2	131	1.5	1.5
Hutchinson	0	0	0.0	0	0	0	0.0	0	0	0
Hyde	0	0	0.0	0	0	0	0.0	0	0	0
Jackson	0	0	0.0	0	0	0	0.0	0	0	0
Jerauld	3	113	3.6	130	5	188	1.9	218	1.7	1.7
Jones	8	301	9.5	348	15	565	5.8	654	1.9	1.9
Kingsbury	0	0	0.0	0	0	0	0.0	0	0	0
Lake	0	0	0.0	0	0	0	0.0	0	0	0
Lincoln	0	0	0.0	0	0	0	0.0	0	0	0
Lyman	10	377	11.9	435	57	2,145	21.8	2,482	5.7	5.7
McCook	0	0	0.0	0	0	0	0.0	0	0	0
McPherson	2	75	2.4	87	1	38	0.4	44	0.5	0.5
Marshall	0	0	0.0	0	0	0	0.0	0	0	0
Meade	0	0	0.0	0	0	0	0.0	0	0	0
Mellette	2	75	2.4	87	9	339	3.5	392	4.5	4.5
Miner	0	0	0.0	0	0	0	0.0	0	0	0
Moody	0	0	0.0	0	0	0	0.0	0	0	0
Perkins	3	113	3.6	130	11	414	4.2	479	3.7	3.7
Potter	1	38	1.2	44	1	38	0.4	44	1.0	1.0
Roberts	0	0	0.0	0	0	0	0.0	0	0	0
Sanborn	1	38	1.2	44	4	151	1.5	175	4.0	4.0
Spink	1	38	1.2	44	0	0	0.0	0	0.0	0.0
Stanley	9	339	10.7	391	46	1,731	17.6	2,003	5.1	5.1
Sully	0	0	0.0	0	0	0	0.0	0	0	0
Tripp	7	264	8.3	305	7	263	2.7	304	1.0	1.0
Turner	0	0	0.0	0	0	0	0.0	0	0	0
Union	0	0	0.0	0	0	0	0.0	0	0	0
Walworth	0	0	0.0	0	0	0	0.0	0	0	0
Ziebach	2	75	2.4	87	11	414	4.2	479	5.5	5.5
Shannon	0	0	0.0	0	0	0	0.0	0	0	0
Todd	2	75	2.4	87	13	489	5.0	566	6.5	6.5
Unknown	13	490	-	-	41	1,543	-	-	3.1	3.1
TOTALS:	97	3,655	100%	3,658	302	11,367	100%	11,369	3.11	
Last Revised: 2 Aug 05										
* Includes unknown county projection values by assuming unknown county values are distributed the same as reported county values. Total values may be different due to rounding.										
** Calculation uses "# projected" values without correction for unknown/unreported county values.										

SAGE GROUSE

The first modern sage grouse hunting season was held in 1955. Prior to this season, the last hunting season was in 1980. Between 1955 and 1980, the season was open only about half the years, primarily during the 1970s. Seasons were restrictive. Length of season ranged from 2 to 7 days, with many seasons held during the week. Daily bag limits were 1 or 2 birds. In 1980, the population was declining and continued to decline until the mid-1980s. It then stabilized with some fluctuations from year to year. Currently, the population is considered low compared to historical levels, but stable. The sage grouse hunting season was re-opened in 2000.

The 2004 sage grouse season covered 22-23 September, on public lands including those owned or managed by US Bureau of Land Management, US Forest Service, State School and Public Lands Office, and Walk-In Areas in Harding and Butte counties west of US 85. The daily and season limit was 1 bird.

Hunters were not statistically surveyed about their sage grouse harvest, however GFP employees interviewed hunters in the field. Approximately 53 individual hunters participated in the season. Total recorded harvest was 25 grouse, of which 17 were taken in Harding County and 8 were taken in Butte County. Of the 25 birds checked by employees, 13 were males and 12 were females. None of the 12 females and 8 of the 13 males were adults. In comparison to the 2003 season, there was an overall increase in the number of birds taken but the ratio of males to females taken remained nearly equal. The ratio of juvenile to adult birds taken in 2004 as compared to 2003 expanded from 0.71:1 to 1.6:1. All birds but 4 were harvested on opening day.

Weather for the season was optimal with cool, clear mornings and balmy afternoons with moderate breeze. The drought cycle of summer maintained its grip on the sagebrush landscape. Hunters appeared to have more difficulty locating birds during the season. Some hunted with dogs but it did not seem to provide a noticeable advantage. Both resident and non-resident hunters participated in the season. Nearly all of the hunters expressed satisfaction with the season opportunity and encouraged continued consideration of a sage grouse hunting season in future years. Hunters reporting seeing an average of approximately 5 birds each during the course of their hunt. Nearly all hunters checked spent all of their time walking and hunting in the field. The heaviest hunting pressure for sage grouse occurred in the Camp Crook area of Harding County. The area within the hunting unit in Southern Butte County experienced the least hunting pressure. The greatest hunter interest was in taking an adult male sage grouse.

Comparison of the 2000-2004 sage grouse harvests:

Year	# of Hunters (est. % of total)	Total Harvest	Harvest by County		Harvest by Age & Sex			
			Butte	Harding	Juv/Yr Male	Juv/Yr Female	Adult Male	Adult Female
2000	28 (??%)	24	2	24	10	7	6	1
2001	27 (77%)	12	4	8	2	3	5	2
2002*	32 (88%)	16	4	12	5	3	1	3
2003	36	12	4	8	1	4	6	1
2004	53	25	8	17	5	12	8	0

*In 2002, only 12 of the 16 sage grouse harvested were checked in with GFP personnel, therefore, harvest by age and sex totals do not add up to the total harvest.

NORTHERN BOBWHITE

The 2004 northern bobwhite season covered 16 October through 2 January 2005 in the area covered by Tripp, Gregory, Charles Mix, Bon Homme, Yankton, Clay, Lincoln, and Union counties. Harvest surveys were sent to both resident and nonresident hunters. The daily limit was 5 birds, possession 15. To hunt bobwhites, residents were required to hold small game, 1-day small game, adult or junior combination, or youth small game licenses; nonresidents were required to obtain the nonresident small game the nonresident youth small game, or nonresident shooting preserve license. None of the shooting preserve license holders were surveyed, and their harvest is not included in any data in this report.

In 2004, there were 94,160 residents and 93,342 nonresidents licensed to hunt bobwhites. Approximately 8.2% of residents and 3.4% of nonresidents were surveyed for the upland bird seasons. Survey response rates were 80.7% for residents and 78.5% for nonresidents.

Based on survey responses indicating at least one day of hunting bobwhites, there were a projected 376 resident (53 small game, 195 combination, 88 youth small game, 34 junior combination) and 377 nonresident quail hunters.

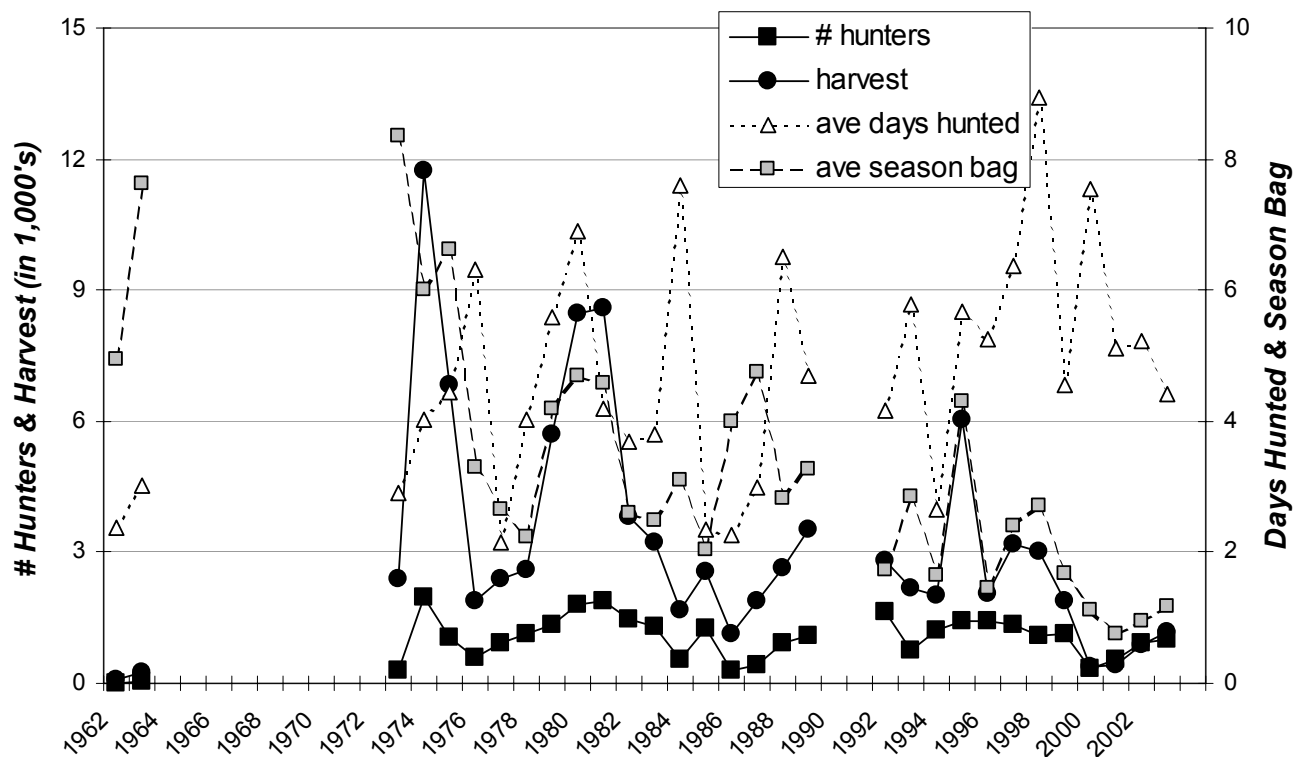
From the survey responses, an estimated 1,717 quail were harvested (865 residents, 302 nonresidents) during the 2004 season. Upland bird hunters (not restricted to quail hunters only) reported they used private lands more than any other land type. When asked their satisfaction with their hunting, (1 being most satisfied, 7 being least satisfied), resident upland bird hunters reported an average satisfaction rating of 3.39 while nonresidents reported a satisfaction rating of 2.75). Resident bobwhite hunters reported an average satisfaction rating of 4.12 while nonresidents reported an average satisfaction rating of 3.30.

Comparison of the 1997 - 2004 northern bobwhite harvests:

Year	Resident Hunters					Nonresident Hunters				
	Number Hunters	Harvest	Ave Day Hunted	Ave Bag	Satisfaction	Number Hunters	Harvest	Ave Day Hunted	Ave Bag	Satisfaction
1997	891	2,415	7.95	2.70	n/a	437	777	3.14	1.78	n/a
1998	616	2,511	13.57	4.57	3.67	485	485	3.08	1.00	2.78
1999	950	1,720	4.86	1.81	3.40	182	182	3.00	1.00	2.67
2000	157	283	3.60	1.80	3.29	172	86	10.83	0.50	2.80
2001	456	351	4.90	0.77	3.69	99	66	7.33	0.67	3.67
2002	441	653	5.26	1.48	4.10	469	202	5.21	0.43	3.21
2003	650	865	4.51	1.33	3.21	339	302	4.22	0.89	1.56
2004	376	737	5.32	1.96	4.12	377	980	4.60	2.60	3.30

NORTHERN BOBWHITE HARVEST PROJECTIONS FOR 2004								
Revised: 15 July 05								
	RESIDENT TOTALS BY LICENSE TYPE					NONRESIDENT TOTALS		
	Small Game	Combo	Youth SmGm	Junior Combo	Sum Estimates	Nonres Sm Game	Youth Sm Game	Sum Estimates
Number in Database	36,469	43,241	7,893	4,451	92,054	87,754	3,036	90,790
Licenses Sold	37,363	43,818	8,345	4,634	94,160	90,181	3,161	93,342
Projected ACTIVE UPLAND BIRD HUNTERS	33,441	35,078	7,765	3,899	79,511	89,149	3,059	92,208
Number Sampled by Survey	2,773	4,007	599	370	7,749	3,110	47	3,157
Number Responded to Survey	2,134	3,374	475	271	6,254	2,446	31	2,477
Responded and Participated in Season	1,910	2,701	442	228	5,281	2,418	30	2,448
Responded but DID NOT HUNT	224	673	33	43	973	28	1	29
Survey Response Rate	77.0%	84.2%	79.3%	73.2%	80.7%	78.6%	66.0%	78.5%
No. Hunters Reporting Bobwhite Days	3	15	5	2	25	10	0	10
Sum Bobwhite Days	11	96	9	17	133	46	0	46
Average Days Hunting Bobwhites	3.67	6.40	1.80	8.50	5.32	4.60	0.00	4.60
Sum Bobwhites Bagged	2	40	4	3	49	26	0	26
Average Season Bobwhite Bag	0.67	2.67	0.80	1.50	1.96	2.60	0.00	2.60
Projected Days Bobwhite Hunting	195	1,248	158	289	2,000	1,697	0	1,734
Projected No. Bobwhite Hunters	53	195	88	34	376	369	0	377
Projected Bobwhite Bag	36	521	70	51	737	959	0	980
TOTAL QUAIL HARVEST =						1,717		
Bobwhite Hunters Mean Satisfaction Score **	3.33	4.33	4.00	4.00	4.12	3.30		3.30
Upland Bird Hunters Mean Satisfaction Score **	3.41	3.39	3.27	3.46	3.39	2.74	2.93	2.75
* Totals greater than licenses sold because many utilized more than one land type during season.								
** Based on scale of 1-7 with 1="very satisfied" and 7="very dissatisfied"								

STATEWIDE BOBWHITE HARVEST, 1962-2004



South Dakota Game Report No 2005-04 - 2004 Small Game, Upland Bird & Migratory Bird Harvest Projections
Corey Huxoll

Resident Bobwhite Harvest Distribution by County 2004										
COUNTY	HUNTER DISTRIBUTION				HARVEST DISTRIBUTION				Birds/Hunter	
	# Reported	# Projected	% of Total	# Proj w/ Unk *	# Reported	# Projected	% of Total	# Proj w/ Unk *		
Minnehaha	1	15	4.7	18	0	0	0.0	0	0.0	
Brown	2	30	9.5	36	1	15	3.8	28	0.5	
Codington	1	15	4.7	18	0	0	0.0	0	0.0	
Aurora	1	15	4.7	18	0	0	0.0	0	0.0	
Bon Homme	1	15	4.7	18	1	15	3.8	28	1.0	
Brule	1	15	4.7	18	2	30	7.7	57	2.0	
Chas Mix	2	30	9.5	36	7	105	26.9	198	3.5	
Clay	1	15	4.7	18	0	0	0.0	0	0.0	
Dewey	1	15	4.7	18	0	0	0.0	0	0.0	
Gregory	2	30	9.5	36	0	0	0.0	0	0.0	
Hamlin	1	15	4.7	18	0	0	0.0	0	0.0	
Hand	1	15	4.7	18	0	0	0.0	0	0.0	
Kingsbury	1	15	4.7	18	0	0	0.0	0	0.0	
Lake	2	30	9.5	36	11	165	42.2	311	5.5	
Tripp	2	30	9.5	36	3	45	11.5	85	1.5	
Turner	1	15	4.7	18	1	15	3.8	28	1.0	
Unknown	4	60	-	-	23	346	-	-	5.8	
TOTALS:	25	376	99%	378	49	737	100%	735	1.96	
Last Revised: 15 July 05										
* Includes unknown county projection values by assuming unknown county values are distributed the same as reported county values. Total values may be different due to rounding.										
** Calculation uses "# projected" values without correction for unknown/unreported county values.										
Nonresident Bobwhite Harvest Distribution by County 2004										
COUNTY	HUNTER DISTRIBUTION				HARVEST DISTRIBUTION				Birds/Hunter	
	# Reported	# Projected	% of Total	# Proj w/ Unk *	# Reported	# Projected	% of Total	# Proj w/ Unk *		
Brown	1	38	12.6	47	1	38	5.3	52	1.0	
Beadle	2	75	24.8	94	2	75	10.5	103	1.0	
Bon Homme	1	38	12.6	47	2	75	10.5	103	2.0	
Brule	1	38	12.6	47	1	38	5.3	52	1.0	
Campbell	1	38	12.6	47	3	113	15.8	155	3.0	
Gregory	1	38	12.6	47	10	377	52.7	516	9.9	
Turner	1	38	12.6	47	0	0	0.0	0	0.0	
Unknown	2	75	-	-	7	264	-	-	3.5	
TOTALS:	10	377	100%	376	26	980	100%	981	2.60	
Last Revised: 15 July 05										
* Includes unknown county projection values by assuming unknown county values are distributed the same as reported county values. Total values may be different due to rounding.										
** Calculation uses "# projected" values without correction for unknown/unreported county values.										

WATERFOWL

In 2004, there were an estimated 27,951 active resident migratory bird hunters in South Dakota. From those, there were a projected 25,349 active resident waterfowl hunters and 4,653 nonresident waterfowl hunters. Approximately 7% of the resident migratory bird certificate holders and 29% of the nonresident waterfowl license holders were surveyed. The survey response rates were 76.0% for residents and 82.9% for nonresidents.

Both resident and nonresident hunters reported they hunted more on private land than any other land type. When asked their satisfaction on the season, (1 being most satisfied, 7 being least satisfied), waterfowl hunters reported an overall average rating of 3.64 for residents, and 3.40 for nonresidents.

Summary comparison of the 1997 - 2004 waterfowl seasons.

Year	Resident Hunters				Nonresident Hunters			
	# Active Mig Brd Hunters	# Waterfowl Hunters	Survey Resp. Rate	Satisfaction	# Active Mig Brd Hunters	# Waterfowl Hunters	Survey Resp. Rate	Satisfaction
1997	37,692	n/a	77%	n/a	3,583	n/a	86%	n/a
1998	38,831	n/a	80%	3.58	4,484	n/a	85%	3.15
1999	35,921	n/a	85%	3.52	5,151	n/a	91%	3.22
2000	32,241	28,795	78%	3.42	n/a	4,370	83%	3.24
2001	35,435	32,479	79%	3.30	n/a	3,974	84%	2.79
2002	31,110	28,804	76%	3.41	n/a	5,027	81%	3.01
2003	30,800	27,500	76%	3.15	n/a	4,717	83%	2.96
2004	27,951	25,349	76%	3.64	n/a	4,653	83%	3.40

WATERFOWL HARVEST PROJECTIONS FOR 2004

Last Revised: 15 July 05

	Resident	Non Residents
Number in Database	35,259	5,345
Resident Licenses Sold	37,856	-
Nonresident 10-day Licenses Sold	-	4,000
Nonresident 3-day Licenses Sold	-	1,345
Projected ACTIVE MIGRATORY BIRD HUNTERS	27,951	4,653
Number Sampled by Survey	2,681	1,528
Number Responded to Survey	2,037	1,267
Responded and Participated in Season	1,504	1,103
Responded but DID NOT HUNT	533	164
Survey Response Rate	76.0%	82.9%
No. Hunters Reporting Goose or Duck Days	1,364	1,103
Projected Waterfowl Hunters - Ducks and Geese	25,349	4,653
TOTAL WATERFOWL HUNTERS = 30,002		
All Waterfowl Hunter Reported Public Land Type Use	711	518
All Waterfowl Hunter Projected Public Land Type Use *	13,213	2,185
All Waterfowl Hunter Reported Private Land Type Use	945	786
All Waterfowl Hunter Projected Private Land Type Use *	17,562	3,316
All Waterfowl Hunter Reported Walk-In Land Type Use	265	214
All Waterfowl Hunter Projected Walk-In Land Type Use *	4,925	903
All Waterfowl Hunter Reported Commercial Land Type Use	21	17
All Waterfowl Hunter Projected Commercial Land Type Use *	390	72
All Waterfowl Hunter Mean Satisfaction Score *1*	3.64	3.40

* Total may be greater than total licenses because hunters reported using more than one land type during season

1 Based on scale of 1-7 with 1=very satisfied & 7=very dissatisfied

2004 NONRESIDENT WATERFOWL HUNTING DISTRIBUTION - Where Hunted by County						
COUNTY	DUCKS	CANADAS	SNOWS	WHTFRNT	TOTALS	PERCENT
7	8	2	0	1	11	0.7%
12	35	12	5	3	55	3.7%
17	25	14	7	5	51	3.4%
19	1	1	0	0	2	0.1%
62	6	3	1	0	10	0.7%
100A =	9.7%	6.9%	8.1%	9.4%		8.6%
1	1	0	1	0	2	0.1%
4	6	3	3	1	13	0.9%
6	12	3	1	1	17	1.1%
8	5	2	1	1	9	0.6%
10	7	2	2	0	11	0.7%
25	3	1	1	0	5	0.3%
33	8	2	2	0	12	0.8%
34	1	0	0	0	1	0.1%
37	1	0	1	0	2	0.1%
40	5	0	0	0	5	0.3%
42	33	17	9	5	64	4.3%
43	2	1	1	1	5	0.3%
44	0	1	0	0	1	0.1%
46	6	3	2	1	12	0.8%
51	10	5	4	3	22	1.5%
52	2	0	0	0	2	0.1%
56	1	0	0	0	1	0.1%
SE =	13.3%	8.6%	17.4%	13.5%		12.2%
3	57	24	18	12	111	7.4%
5	24	16	8	7	55	3.7%
18	68	37	14	8	127	8.5%
22	159	77	20	13	269	18.0%
23	5	1	0	0	6	0.4%
26	21	6	5	1	33	2.2%
28	7	4	1	2	14	0.9%
29	1	4	0	0	5	0.3%
32	15	11	5	2	33	2.2%
47	20	13	5	1	39	2.6%
48	42	17	4	3	66	4.4%
55	74	47	3	2	126	8.4%
57	14	7	8	4	33	2.2%
NE =	65.3%	57.0%	56.5%	57.3%		61.2%
13	11	5	3	2	21	1.4%
14	1	0	0	0	1	0.1%
16	6	3	2	1	12	0.8%
24	1	0	0	0	1	0.1%
30	2	0	0	0	2	0.1%
36	21	58	17	11	107	7.1%
45	4	5	0	0	9	0.6%
54	11	4	1	1	17	1.1%
58	3	8	0	1	12	0.8%
59	24	20	5	2	51	3.4%
63	1	0	0	0	1	0.1%
RIVER =	10.9%	22.2%	17.4%	18.8%		15.6%
11	1	16	0	0	17	1.1%
15	2	0	0	0	2	0.1%
39	1	0	0	0	1	0.1%
50	1	7	0	0	8	0.5%
53	1	0	0	0	1	0.1%
60	1	1	1	1	4	0.3%
WEST =	0.9%	5.2%	0.6%	1.0%		2.2%
TOTALS:	777	463	161	96	1,497	100.0%
Last updated: 15 August 05						

TUNDRA SWAN

The 2004 tundra swan season was open from 2 October - 19 December in the following counties: Campbell, Walworth, Potter, Sully, Hughes, Hyde, Hand, Faulk, Spink, McPherson, Edmunds, Brown, Marshall, Roberts, Day, Grant, Codington, Clark, Hamlin, Deuel, Beadle, Kingsbury, Brookings, Buffalo, Jerauld, Brule, Aurora, Sanborn, Miner, Lake, Moody, Davison, Hanson, McCook, and Minnehaha. Harvest surveys were sent to all resident and nonresident hunters. Resident and nonresidents could purchase up to two licenses. To hunt swans, residents were required to hold a small game, 1-day small game, adult or junior combination, or youth small game license plus a migratory bird certification. Nonresidents were required to obtain a nonresident waterfowl license. All hunters age 16 and over were also required to obtain a federal waterfowl stamp. In addition, all hunters needed to apply for and receive a lottery-issued tundra swan license.

In 2004, there were 1,300 licenses available for the tundra swan season (1,125 residents, 175 nonresidents). A total of 820 licenses were sold (619 residents, 201 nonresidents). One nonresident and 57 residents purchased two licenses each. All licensed swan hunters were surveyed and the survey response rate was 87.8%. Approximately 12% of responding hunters used the Internet response system.

From the survey responses, there were a projected 134 swans harvested (not including cripples) during the 2004 season. There were a projected 9 birds crippled during the season. When asked their satisfaction on the season, (1 being most satisfied, 7 being least satisfied), swan hunters reported an average satisfaction rating of 3.39 (3.28 residents, 3.65 nonresidents). From those who responded, 24% indicated they did not hunt for swans. Of the hunters who participated in the season, residents hunted an average of 4.47 days while nonresidents hunted 5.21 days. The average days hunted by all license-holders (3.58 days) projected to a total of 2,936 recreation days for the season.

Comparison of the 1997 - 2004 Tundra Swan seasons

Year	Licenses Sold			Harvest (w/o cripples)	Avg Days Hunted	Percent Success	Average Satisfaction
	Resident	Nonres	Total				
1997	958	119	1,077	403	2.98	37%	NA
1998	1,096	120	1,216	181	3.62	15%	3.56
1999	743	120	863	248	4.05	26%	3.46
2000	728	121	849	159	4.04	19%	3.17
2001	808	175	983	337	3.61	34%	3.01
2002	885	175	1,060	193	3.24	19%	3.28
2003	806	196	1,002	41	3.21	4%	3.93
2004	619	201	820	134	3.58	16%	3.39

2004 Tundra Swan Harvest Projections

Last Revised: 28 Mar 05		Licenses						Harvest Projections						Ave. Days Hunted	Ave. Satis- faction
Resident			Nonresident			Response Rate	Unit Success	Cripples **	Adults	Juvnles	Unk.	Total Harvest			
Unit/Type	App. 1st Choice *	Available	Sold	App. 1st Choice *	Available								Sold		
100A-43	264	1,125	619	265	175	201	87.8%	16%	9	123	10	1	134	3.58	3.39

* Number of 1st drawing applicants with that season as 1st choice.

For those responding, 23.8% said they did not hunt.

** Cripple estimate not included in Total Harvest Estimate.

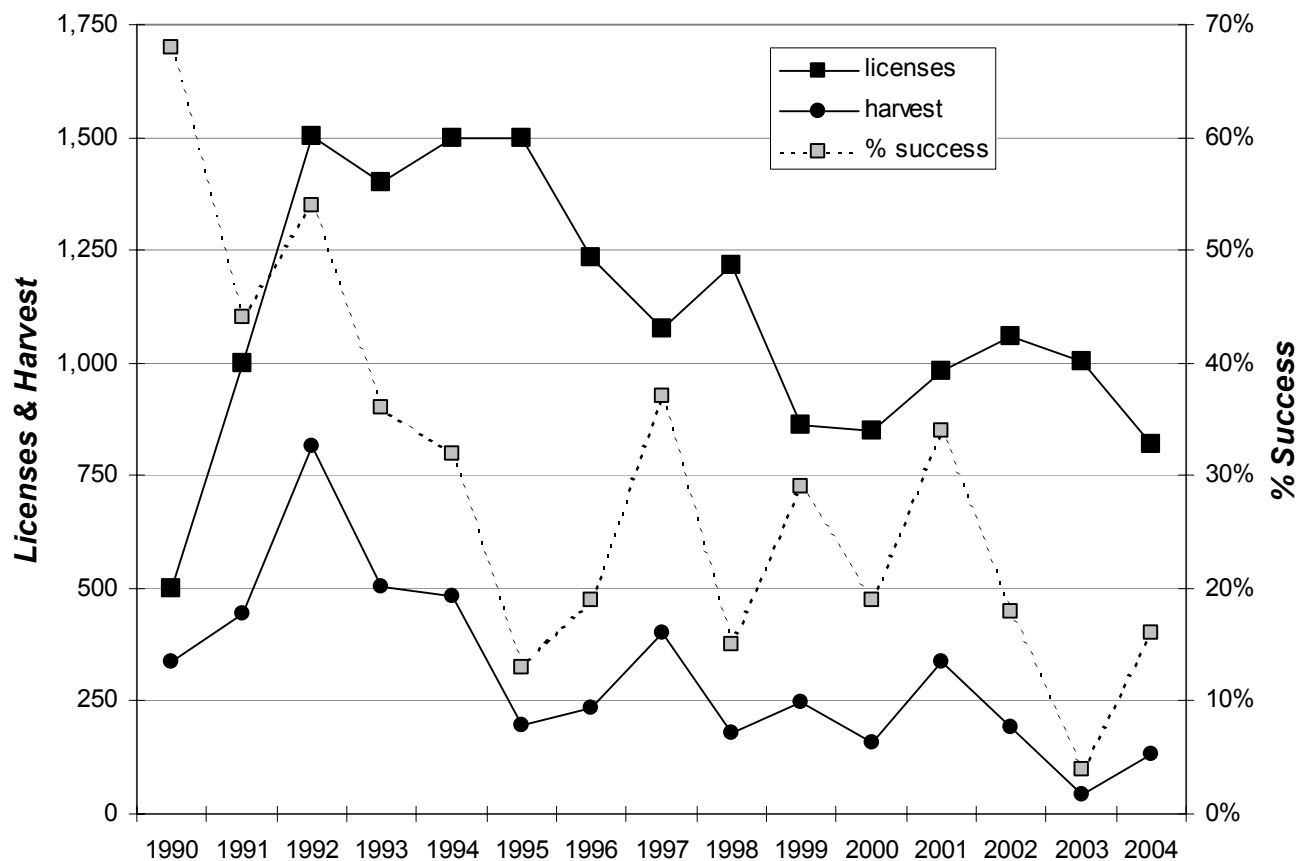
Satisfaction is based on scale with 1=very satisfied and 7=very dissatisfied.

Reported Swan Harvest Distribution by Date for 2004								
Month	Day	Rpt'd Harvest Number	% of Total Rpt Harvest	Month	Day	Rpt'd Harvest Number	% of Total Rpt Harvest	
October	7	1	0.85%	November	13	3	2.54%	
	8	0			14	1	0.85%	
	9	0			15	3	2.54%	
	10	0			16	0		
	11	0			17	0		
	12	0			18	1	0.85%	
	13	1	0.85%		19	3	2.54%	
	14	2	1.69%		20	2	1.69%	
	15	0			21	3	2.54%	
	16	7	5.93%		22	0		
	17	2	1.69%		23	0		
	18	0			24	1	0.85%	
	19	1	0.85%		25	0		
	20	3	2.54%		26	1	0.85%	
	21	1	0.85%		27	1	0.85%	
	22	1	0.85%		28	0		
	23	3	2.54%		29	0		
	24	3	2.54%		30	0		
	25	2	1.69%	December	1	1	0.85%	
	26	2	1.69%		2	0		
	27	0			3	0		
	28	1	0.85%		4	0		
	29	1	0.85%		5	0		
	30	5	4.24%		6	0		
	31	1	0.85%		7	0		
	November	1	8		6.78%	8	0	
		2	3		2.54%	9	0	
		3	2		1.69%	10	0	
		4	2	1.69%	11	1	0.85%	
		5	6	5.08%	12	0		
		6	1	0.85%	13	0		
7		4	3.39%	14	0			
8		1	0.85%	15	0			
9		3	2.54%	16	0			
10		8	6.78%	17	0			
11		1	0.85%	18	0			
12		7	5.93%	19	0			
October Subtotal:			37	31.36%				
November Subtotal:			65	55.08%				
December Subtotal:			2	1.69%				
Unknown:			14	11.86%				
TOTAL REPORTED:			118					
Last updated: 28 Feb 05								

2004 Tundra Swan Harvest Summary By Residency

HARVEST SUMMARY						DISTRIBUTION OF REPORTED HARVEST BY COUNTY							
Residency	# License Holders	# Did Not Hunt	Ave. Days Hunted (if hunted)	Satisfaction	Success (not incl. Cripples)	Residents				Nonresidents			
						County	# Killed	% of Res. Kill	% of Total Kill	County	# Killed	% of Nonres. Kill	% of Total Kill
Resident	619	149 (24.1%)	4.47	3.28	17.5%	Brown	24	25.5%	20.3%	Brown	4	16.7%	3.4%
NonRes.	201	22 (10.9%)	5.21	3.65	13.2%	Clark	13	13.8%	13.8%	Clark	3	12.5%	2.5%
						McPherson	10	10.6%	10.6%	McPherson	3	12.5%	2.5%
						Edmunds	8	8.5%	8.5%	Edmunds	2	8.3%	1.7%
						Day	7	7.4%	7.4%	Day	5	20.8%	4.2%
						Codington	5	5.3%	5.3%	Codington	1	4.2%	0.8%
						Potter	5	5.3%	5.3%	Potter			
						Campbell	4	4.3%	4.3%	Campbell	1	4.2%	0.8%
						Marshall	4	4.3%	4.3%	Marshall	1	4.2%	0.8%
						Roberts	4	4.3%	4.3%	Roberts	2	8.3%	1.7%
						Kingsbury	3	3.2%	3.2%	Kingsbury			
						Grant	2	2.1%	2.1%	Grant			
						McCook	2	2.1%	2.1%	McCook			
						Faulk	1	1.1%	1.1%	Faulk			
						Spink	1	1.1%	1.1%	Spink			
						Walworth	1	1.1%	1.1%	Walworth	1	4.2%	0.8%
						Hamlin				Hamlin	1	4.2%	0.8%
						Total	94	100.0%	79.7%	Total	24	100.0%	20.3%

TUNDRA SWAN HARVEST, 1990-2004



DUCKS (all species)

The 2004 duck season covered 25 September 2004 - 2 January 2005 statewide, although some units/zones may have opened later and/or closed sooner. Harvest surveys were sent to both resident and nonresident hunters. The daily bag was 6 ducks, which could include no more than 5 mallards of which no more than 2 hens, 3 scaup, 2 redheads, 2 wood ducks, 1 canvasback and 1 pintail. The daily limit on mergansers was 5, which could include no more than 1 hooded merganser, and the daily limit on coots was 15. Possession was twice the daily bag for all species. To hunt ducks, residents were required to hold small game, 1-day small game, adult or junior combination, or youth small game licenses plus a migratory bird certification. Nonresidents were required to obtain a nonresident waterfowl license. All hunters age 16 and over were also required to obtain a federal waterfowl stamp.

In 2004, there were an estimated 23,228 hunters who hunted at least one day for ducks (19,179 residents, 4,049 nonresidents). From the survey responses, there was a projected total of 265,509 ducks harvested (223,435 by residents, 42,074 by nonresidents) during the 2004 season. Nonresidents harvested 11.5% of their ducks within 20 miles of the Missouri River. Average bag for residents was 11.65, 11.19 for nonresidents with the 10-day license, and 7.08 for nonresidents with the 3-day license.

When asked their satisfaction on the season, (1 being most satisfied, 7 being most dissatisfied), duck hunters reported an average satisfaction rating of 3.67 for residents and 3.40 for nonresidents.

The average days hunted by all hunters (7.08 residents, 4.62 10-day nonresidents, 2.75 3-day nonresidents) projected to a total of 153,021 recreation days for the season.

Comparison of the 1997 - 2004 duck harvests (1997-1999 satisfaction values represent all waterfowl hunters, not just duck hunters):

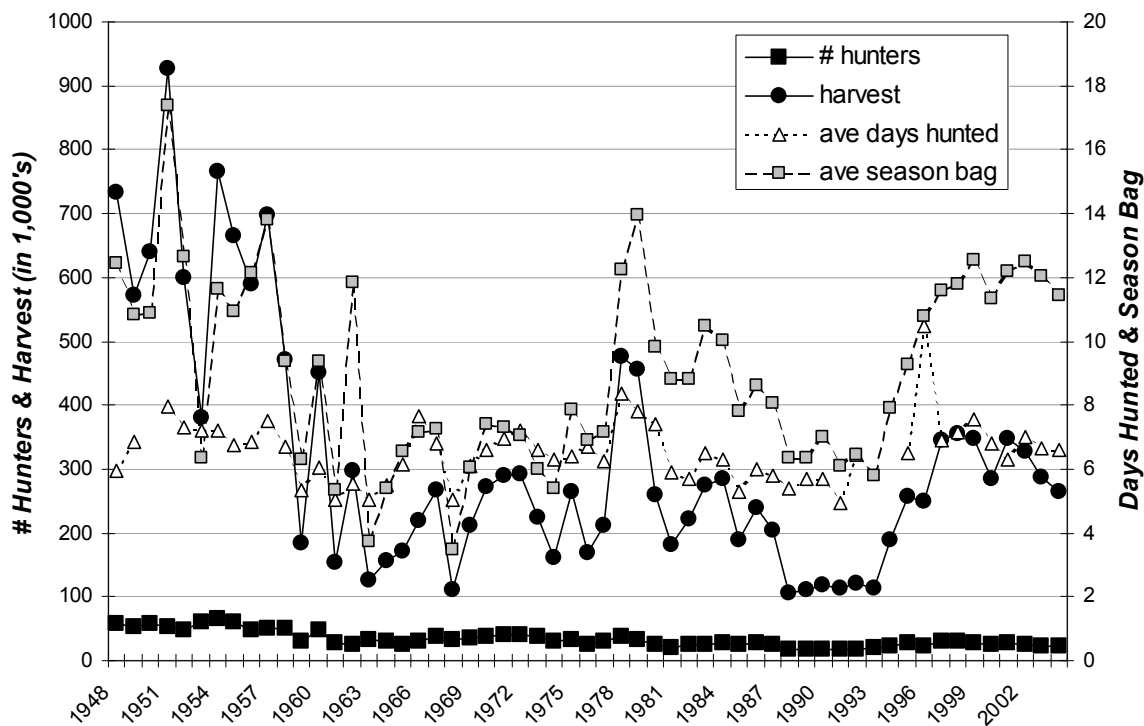
Year	Resident Hunters					Nonresident Hunters				
	Number Hunters	Harvest	Ave Day Hunted	Ave Bag	Satisfaction	Number Hunters	Harvest	Ave Day Hunted	Ave Bag	Satisfaction
1997	26,707	307,998	8.10	11.60	n/a	2,947	36,150	4.89	12.27	n/a
1998	26,575	321,195	7.47	12.15	3.58	3,529	34,474	4.53	9.77	3.15
1999	26,172	334,478	8.06	12.78	3.52	3,288	41,917	4.59	10.95	3.22
2000	21,257	242,117	7.28	11.39	3.51	3,551	38,812	4.43	10.93	3.15
2001	24,554	300,787	7.47	12.25	3.23	3,911	47,148	4.62	12.16	2.79
2002	22,085	284,897	7.51	12.90	3.36	4,139	43,162	4.35	10.43	2.99
2003	19,640	241,376	7.11	12.29	3.14	4,132	44,563	4.33	10.78	2.93
2004	19,179	223,435	7.08	11.65	3.67	4,049	42,074	4.26	10.39	3.40

DUCK HARVEST PROJECTIONS FOR 2004

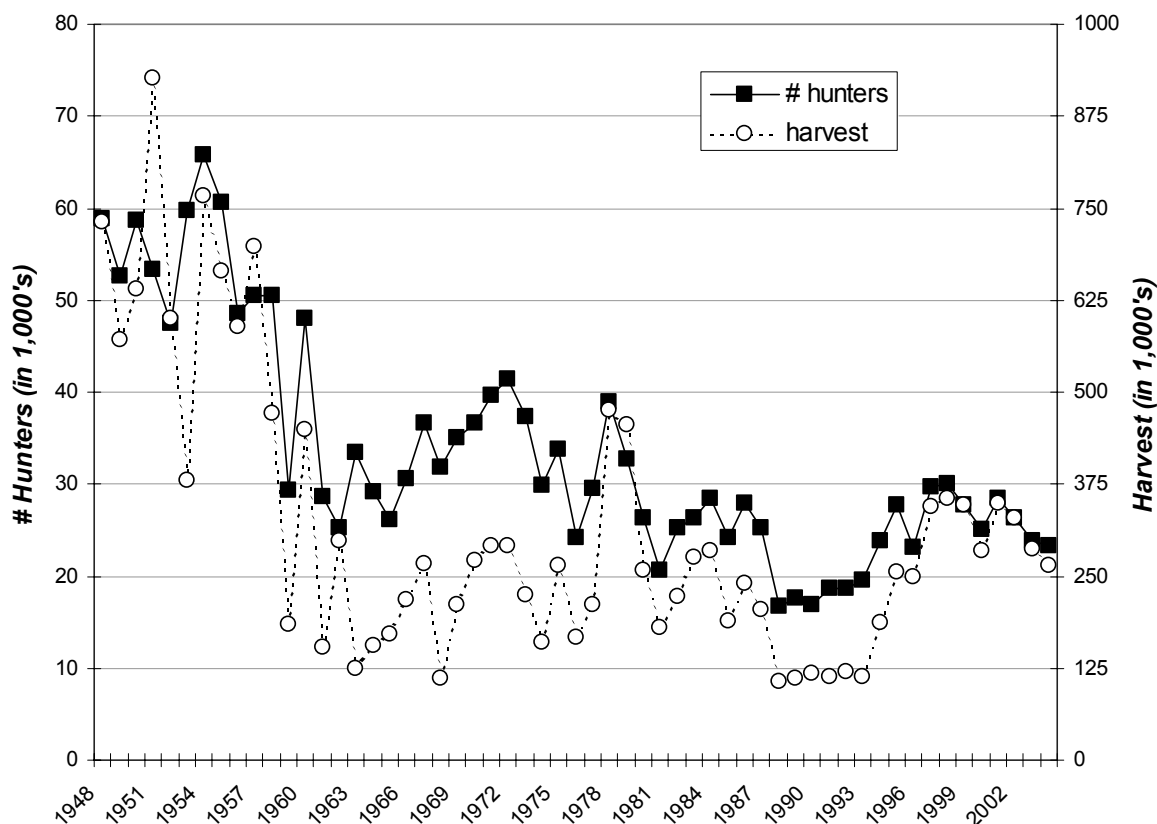
Last Revised: 15 July 05

	Resident	Non Residents
No. Resident Hunters Reporting Duck Days	1,032	-
Total Reported Duck Hunted Days	7,303	-
Average Days Hunted Ducks	7.08	-
Total Reported Ducks Bagged	12,026	-
Average Duck Bag for Season	11.65	-
Projected Days Duck Hunting	135,787	-
Projected No. Duck Hunters	19,179	-
Projected Duck Bag	223,435	-
TOTAL RESIDENT DUCK HARVEST = 223,435		
Nonresident 10-day Licenses		
No. Hunters Reporting Duck Days	-	760
Total Reported Duck Hunted Days	-	3,514
Average Days Hunted Ducks	-	4.62
Total Reported Ducks Bagged	-	8,508
Average Duck Bag for Season	-	11.19
Projected Days Duck Hunting	-	15,070
Projected No. Duck Hunters	-	3,262
Projected Duck Bag	-	36,502
Duck Harvest Reported Within 20 Miles of Missouri River	-	986
Projected Ducks Bagged w/in 20 miles of Missouri River	-	4,230
Nonresident 3-day Licenses		
No. Hunters Reporting Duck Days	-	196
Total Reported Duck Hunted Days	-	539
Average Days Hunted Ducks	-	2.75
Total Reported Ducks Bagged	-	1,387
Average Duck Bag for Season	-	7.08
Projected Days Duck Hunting	-	2,164
Projected No. Duck Hunters	-	787
Projected Duck Bag	-	5,572
Duck Harvest Reported Within 20 Miles of Missouri River	-	146
Projected Ducks Bagged w/in 20 miles of Missouri River	-	587
TOTAL NONRESIDENT DUCK HARVEST = 42,074		
TOTAL DUCK HARVEST = 265,509		

STATEWIDE DUCK (all species) HARVEST, 1948-2004



STATEWIDE DUCK SEASON PARTICIPATION, 1948-2004



CANADA GEESE (all seasons)

Information provided in this section pertains to the entire Canada goose harvest in South Dakota and combines information from all seasons. The next two sections report only on the Early Fall (September) and Special seasons.

The 2004 Canada goose season covered 1 September 2004 - 31 January 2005 statewide, although some units may have opened later and/or closed sooner. Harvest surveys were sent to both resident and nonresident hunters. The daily bag was 5 geese prior to 24 September; after then it was 3 geese except in those portions of Grant and Roberts counties east of SD 15 and north of SD 20 where the daily limit was 2 geese beginning Dec. 1. Possession was twice the daily bag. Resident hunters were separately licensed for Special Canada goose units, which varied by the number of tags per license, and in season dates and unit areas. To hunt geese, residents were required to hold small game, 1-day small game, adult or junior combination or youth small game licenses plus a migratory bird certification. Nonresidents were required to obtain a nonresident waterfowl license. All hunters age 16 and over were also required to obtain a federal waterfowl stamp. Special Canada goose season hunters were required to apply for and receive Special Canada goose season licenses.

In 2004, there were a projected 21,846 hunters who hunted at least one day for Canada geese (19,365 residents, 2,481 nonresidents). From the survey responses, there was a projected total of 105,689 Canada geese harvested (100,504 by residents, 5,185 by nonresidents) during the 2004 season. Average Canada goose bag for residents was 5.19, for nonresidents 2.09.

When asked their satisfaction on the season, (1 being most satisfied, 7 being least satisfied), Canada goose hunters reported an average rating of 3.61 for residents and 3.33 for nonresidents. The average days hunted by all hunters (6.98 residents, 3.82 nonresidents) projected to a total of 144,645 recreation days for the season. Slightly over half of the residents and nonresidents reported hunting primarily on private land.

Comparison of the 1997 - 2004 Canada goose harvests:

Year	Resident Hunters					Nonresident Hunters				
	Number Hunters	Harvest	Ave Day Hunted	Ave Bag	Satisfaction	Number Hunters	Harvest	Ave Day Hunted	Ave Bag	Satisfaction
1997	24,379	94,327	7.33	3.91	n/a	2,161	4,967	4.09	2.30	n/a
1998	28,895	139,244	7.03	4.90	n/a	2,690	6,808	3.96	2.53	n/a
1999	26,006	148,754	8.16	5.72	n/a	2,411	5,352	4.00	2.22	n/a
2000	21,863	132,053	7.50	6.04	3.42	2,493	7,130	3.89	2.86	3.15
2001	25,375	142,608	7.51	5.62	3.28	2,499	6,422	4.09	2.57	2.84
2002	22,484	125,236	7.66	5.57	3.41	2,959	7,279	3.75	2.46	3.06
2003	21,860	135,751	7.16	6.21	3.11	3,110	9,050	3.56	2.91	2.82
2004	19,365	100,504	6.98	5.19	3.61	2,481	5,185	3.82	2.09	3.33

CANADA GOOSE HARVEST PROJECTIONS FOR 2004

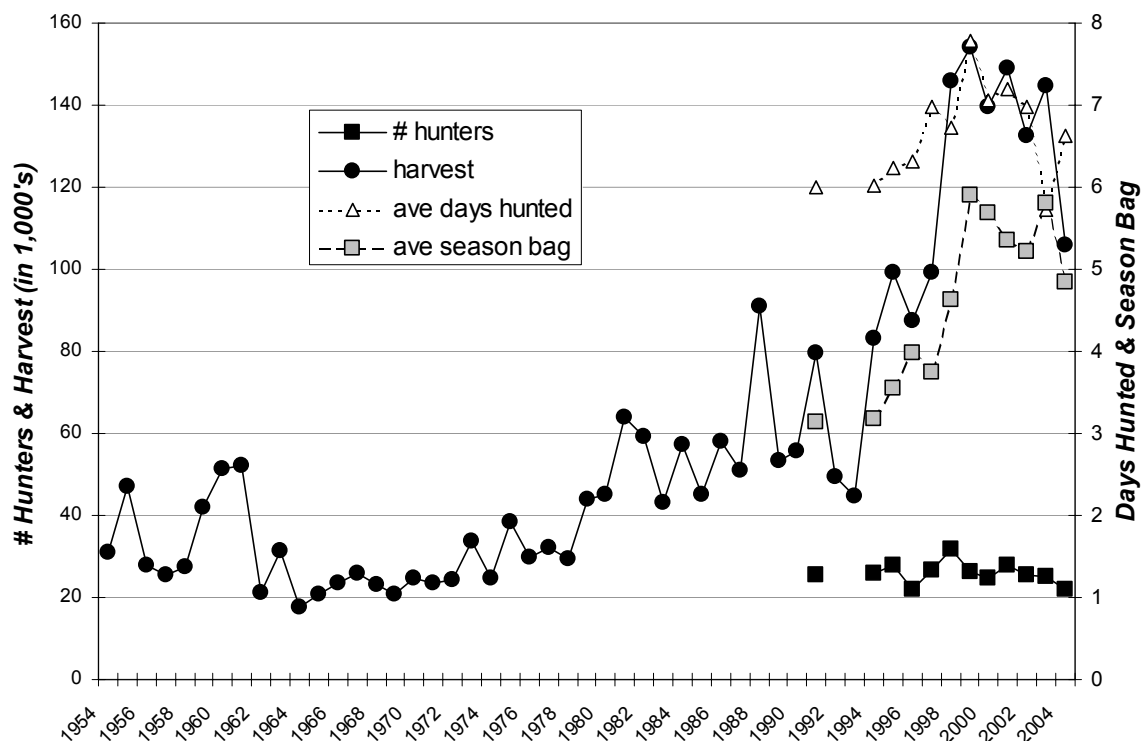
Last Revised: 15 July 05

	Resident	Non Residents
No. Hunters Reporting Goose Days	1,123	629
Projected No. Goose Hunters	20,870	2,654
Geese Reported w/i 20 miles of Missouri River	1,467	539
Projected Geese Bagged w/in 20 miles of Missouri River	27,263	2,274
TOTAL GOOSE HUNTERS = 23,524		
All Seasons:		
No. Hunters Reporting Canada Goose Days	1,042	588
Total Reported Canada Goose Hunted Days	7,273	2,247
Average Days Hunted Canada Geese	6.98	3.82
Total Reported Canada Geese Bagged	5,408	1,230
Average Canada Goose Bag for Season	5.19	2.09
Projected Days Canada Goose Hunting	135,168	9,477
Projected No. Canada Goose Hunters	19,365	2,481
Projected Canada Goose Bag	100,504	5,185
TOTAL CANADA GOOSE HARVEST = 105,689		
Canada Goose Hunter Reported Public Land Type Use	527	238
Canada Goose Hunter Projected Public Land Type Use *	9,794	1,004
Canada Goose Hunter Reported Private Land Type Use	770	461
Canada Goose Hunter Projected Private Land Type Use *	14,310	1,945
Canada Goose Hunter Reported Walk-In Land Type Use	207	101
Canada Goose Hunter Projected Walk-In Land Type Use *	3,847	426
Canada Goose Hunter Reported Commercial Land Type Use	20	11
Canada Goose Hunter Projected Commercial Land Type Use *	372	46
Canada Goose Hunter Mean Satisfaction Score *1*	3.61	3.33

* Total may be greater than total licenses because hunters reported using more than one land type during season

1 Based on scale of 1-7 with 1=very satisfied & 7=very dissatisfied

STATEWIDE CANADA GOOSE (all seasons) HARVEST, 1954-2004



EARLY FALL CANADA GOOSE

The 2004 Early Fall Canada goose season ran from 1-6 September in Campbell, Walworth, McPherson, Edmunds, Faulk, Brown, and Spink counties (Unit A), from 1-24 September in Marshall, Roberts, Day, Grant, Clark, Codington, Hamlin, and Deuel counties (Unit B), and from 11-24 September in all or portions of Beadle, Kingsbury, Brookings, Sanborn, Miner, Lake, Moody, McCook, Hanson, Turner, Lincoln, and Minnehaha counties (Unit C, residents only). The daily bag limit was 5 geese and possession was double the daily bag. To hunt geese, residents were required to hold small game, 1-day small game, adult or junior combination, or youth small game licenses plus a migratory bird certification. Nonresidents were required to obtain a nonresident waterfowl license. All hunters age 16 and over were also required to obtain a federal waterfowl stamp.

In 2004, there were 24,366 hunters licensed to hunt the Early Fall Canada goose season (24,005 residents, 366 nonresidents). About 12.6% (3,021) of the resident hunters, and 83.7% (302) of the nonresident hunters were surveyed. The survey response rates were 80.9% for residents and 87.7% for nonresidents.

In 2004, there were a projected 1,032 hunters who hunted at least one day in Unit A (992 residents, 40 nonresidents), 4,057 who hunted at least one day in Unit B (3,772 residents, 285 nonresidents), and 2,573 residents who hunted at least one day in Unit C. From the survey responses, there were a projected 3,234 Canada geese harvested in Unit A, 15,443 in Unit B and 7,436 in Unit C. The average Canada goose bag for residents was 3.10 in Unit A, 3.72 in Unit B, and 2.89 in Unit C, and for nonresidents was 3.97 for in Unit A and 4.95 in Unit B.

The average days hunted by all hunters (2.30 in Unit A, 3.74 in Unit B, and 2.82 in Unit C for residents, and 3.14 in Unit A and 3.70 in Unit B for nonresidents) projected to a total of 24,725 recreation days for the season. Hunter reports indicated 26% of hunting occurred on public land, 66% on private land, and 9% on walk-in-areas.

Prior to 1999, it was not possible to draw a sample from the current year's hunters due to the license system structure. Since then, hunters from the current year's database have been surveyed. This change in license structure improved the accuracy in estimating the number of hunters and harvest. Consequently, comparisons between numbers generated from different license structures may be misleading due to basic procedural differences.

Comparison of the 1997 - 2004 Early Fall Canada goose harvests:

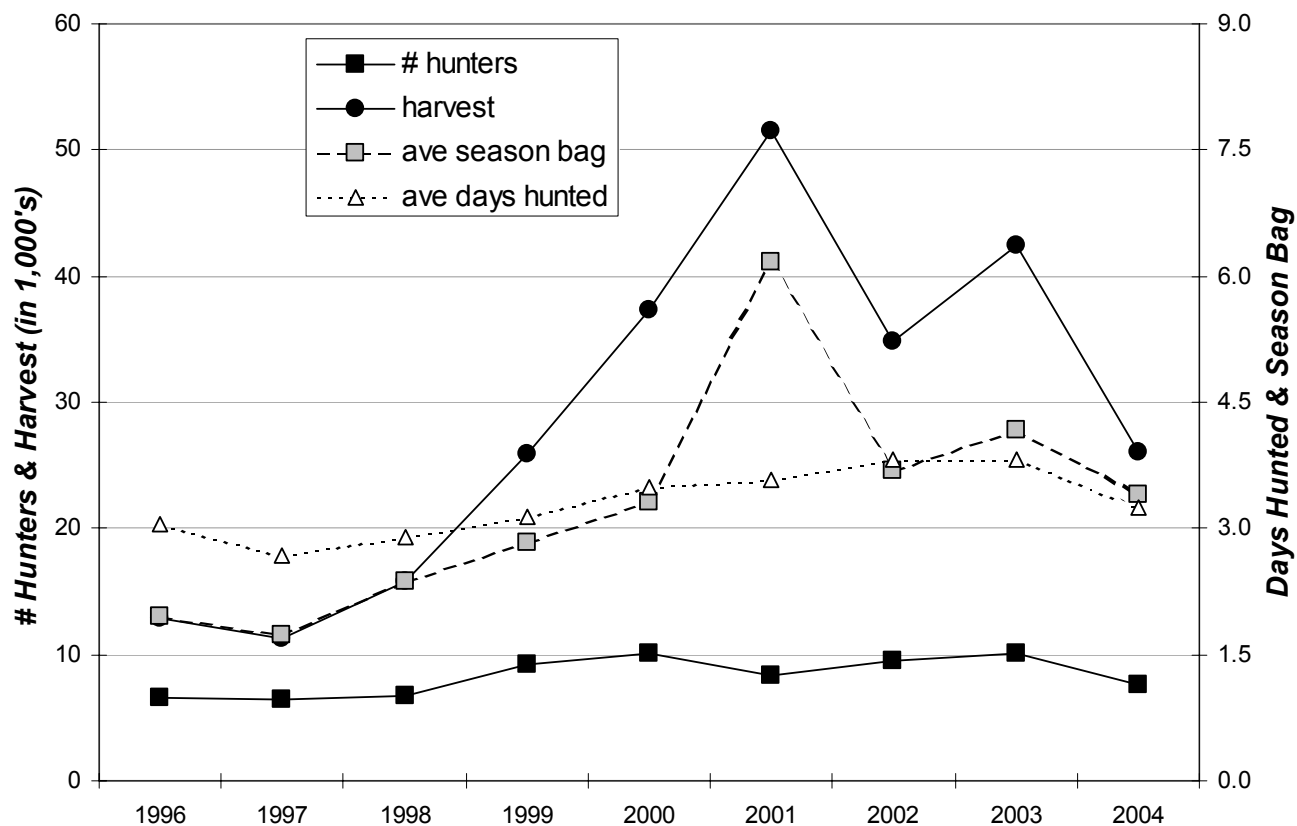
Year	Number Hunters	Harvest	Average Days Hunted	Average Season Bag
1997	6,506	11,281	2.67	1.73
1998	6,682	15,768	2.90	2.36
1999	9,173	25,960	3.15	2.83
2000	10,142	37,365	3.83	3.68
2001	8,358	51,491	3.58	6.16
2002	9,459	34,831	3.80	3.68
2003	10,152	42,417	3.82	4.18
2004	7,662	26,113	3.24	3.41

EARLY FALL CANADA GOOSE HARVEST PROJECTIONS FOR 2004

Last Revised: 27 May 05

	Resident	Non Residents
# Licenses in Database *2*	24,005	361
EARLY FALL CANADA GOOSE SEASON Licenses Sold *2*	24,005	361
Number Sampled by Survey	3,021	302
Number Responded to Survey	2,444	265
Responded and Participated in Season	695	227
Responded but DID NOT HUNT	1,749	38
Survey Response Rate	80.9%	87.7%
1 - 6 Sept. Season, Unit A:		
No. Hunters Reporting Canada Goose Days	101	29
Total Reported Canada Goose Hunted Days	232	91
Average Days Hunted Canada Geese	2.30	3.14
Total Reported Canada Geese Bagged	313	115
Average Canada Goose Bag for Season	3.10	3.97
Projected Days Canada Goose Hunting	2,282	126
Projected No. Canada Goose Hunters	992	40
Projected Canada Goose Bag	3,075	159
1 - 24 Sept. Season, Unit B:		
No. Hunters Reporting Canada Goose Days	384	209
Total Reported Canada Goose Hunted Days	1,438	773
Average Days Hunted Canada Geese	3.74	3.70
Total Reported Canada Geese Bagged	1,428	1,034
Average Canada Goose Bag for Season	3.72	4.95
Projected Days Canada Goose Hunting	14,107	1,055
Projected No. Canada Goose Hunters	3,772	285
Projected Canada Goose Bag	14,032	1,411
11 - 24 Sept. Season, Unit C:		
No. Hunters Reporting Canada Goose Days	262	-
Total Reported Canada Goose Hunted Days	739	-
Average Days Hunted Canada Geese	2.82	-
Total Reported Canada Geese Bagged	756	-
Average Canada Goose Bag for Season	2.89	-
Projected Days Canada Goose Hunting	7,256	-
Projected No. Canada Goose Hunters	2,573	-
Projected Canada Goose Bag	7,436	-
TOTAL CANADA GOOSE HARVEST EARLY FALL SEASON = 26,113		
Early Fall Canada Hunter Reported Public Land Type Use	235	53
Early Fall Canada Hunter Projected Public Land Type Use *	2,308	72
Early Fall Canada Hunter Reported Private Land Type Use	545	198
Early Fall Canada Hunter Projected Private Land Type Use *	5,353	270
Early Fall Canada Hunter Reported Walk-In Land Type Use	80	18
Early Fall Canada Hunter Projected Walk-In Land Type Use *	786	25
Canada Goose Hunter Mean Satisfaction Score *1*	3.54	3.26
* Total may be greater than total licenses because hunters reported using more than one land type during season		
1 Based on a scale of 1-7 with 1=very satisfied & 7=very dissatisfied		
2 For residents: number of licenses based on # Migratory Bird Stamps in the 2004 GF50/GF82 databases issued through 24 Sept For nonresidents: number of Nonresident Waterfowl licenses sold in GF22 (100% encoding rate)		

EARLY FALL CANADA GOOSE HARVEST, 1996-2004



SPECIAL CANADA GOOSE

The 2004 Special Unit Canada goose season covered various periods from 25 September 2004 to 31 January 2005 in Bennett and parts of Minnehaha, Fall River, and Custer counties. All goose bag limits applied. To hunt this resident-only season, hunters were required to hold small game, 1-day small game, adult or junior combination or youth small game licenses plus a migratory bird certification, and for those hunters age 16 and over, a federal waterfowl stamp. Additionally, hunters must have applied for and received a Special Canada goose tag for a specific unit.

In 2004, there were 1,499 residents licensed to hunt the Special Canada goose season. Almost 43% (649) of license holders were surveyed and the survey response rate was 87.8%. Approximately 10% of responding hunters used the Internet response system.

There were a projected 1,018 hunters who hunted at least one day during the Special Canada goose season. From the survey responses, there were an estimated 1,441 Canada geese harvested and 163 crippled; the average Canada goose bag was 1.42. When asked their satisfaction on the season, (1 being most satisfied, 7 being least satisfied), Special Season hunters reported an average rating of 2.19.

2004 Special Canada Goose Unit Harvest Projections												
Last Revised: 24-Jun-05			Licenses			Resp.	Unit/Subunit Success		Harvest Projections		Average Days Hunted	Mean Satisfaction Score
			Residents						Total Crippled	Total Harvested		
County	Type Description	Unit/Type	Appl. 1st Choice *	Available	Sold		Per License	Per Tag				
Minnehaha - early	6 Geese	101A-58	95	150	149	85%	65%	11%	12	97	3.27	2.22
Minnehaha - late	6 Geese	101B-58	180	150	150	93%	100+%	22%	21	201	3.47	2.43
Bennett	2 Geese	111A-37	210	300	300	91%	61%	31%	2	184	1.41	2.03
Bennett	3 Geese	111B-38	673	700	700	86%	100+%	35%	82	739	1.59	2.15
Fall River	3 Geese	127A-38	84	200	200	86%	100+%	40%	49	240	3.57	2.35
Total Licenses			1,242	1,500	1,499	87.8%	96%	-	163	1,441	2.26	2.19
Total Tags				5,100	5,094							
# Harvest projections were developed for units where response rate was less than 85% and may not be within +/- 15% of the sample statistic.												

LIGHT GEESE (regular season)

Information provided in this section pertains only to the regular light goose season in South Dakota. The next section reports on the Spring Conservation order.

The 2004 light goose season covered 25 September - 19 December statewide and included snow, blue, and Ross' geese. The daily bag was 20 geese with an unlimited season possession limit. To hunt geese, residents were required to hold small game, 1-day small game, adult or junior combination, or youth small game licenses plus a migratory bird certification. Nonresidents were required to obtain a nonresident waterfowl license. All hunters age 16 and over were also required to obtain a federal waterfowl stamp.

In 2004, there were an estimated 8,332 hunters who hunted at least one day for light geese during the regular season (7,471 residents, 861 nonresidents). Harvest surveys were sent to both resident and nonresident hunters. From the survey responses, there was a projected harvest of 66,746 light geese (64,848 by residents, 1,898 by nonresidents) during the 2004 regular season.

When asked their satisfaction on the season, (1 being most satisfied, 7 being least satisfied), those respondents who reported hunting at least one day for light geese reported an average rating of 3.65 for residents and 3.55 for nonresidents. The average days hunted by all hunters (5.68 residents, 4.43 for nonresidents with 10-day licenses, 2.72 for nonresidents with 3-day licenses) projected to a total of 45,878 recreation days for the season. Approximately 50% of residents and nonresidents reported hunting on private land.

Comparison of the 1997 - 2004 regular season light goose harvests:

Year	Resident Hunters					Nonresident Hunters				
	Number Hunters	Harvest	Ave Day Hunted	Ave Bag	Satisfaction	Number Hunters	Harvest	Ave Day Hunted	Ave Bag	Satisfaction
1997	11,196	46,734	5.63	4.21	n/a	879	1,833	4.71	2.09	n/a
1998	9,753	25,574	5.38	2.69	n/a	839	436	4.54	0.52	n/a
1999	11,023	71,429	6.17	6.48	n/a	744	796	4.49	1.07	n/a
2000	7,643	49,680	5.64	6.50	3.48	804	1,198	4.29	1.49	3.49
2001	10,429	68,519	5.43	6.57	3.04	1,090	2,645	3.71	2.42	2.83
2002	9,091	66,819	5.53	7.35	3.25	1,134	2,633	3.44	2.32	3.14
2003	9,360	102,211	5.40	10.92	2.98	1,195	4,464	3.76	3.74	2.71
2004	7,471	64,848	5.68	8.68	3.65	861	1,898	4.00	2.20	3.55

LIGHT GOOSE HARVEST PROJECTIONS FOR 2004

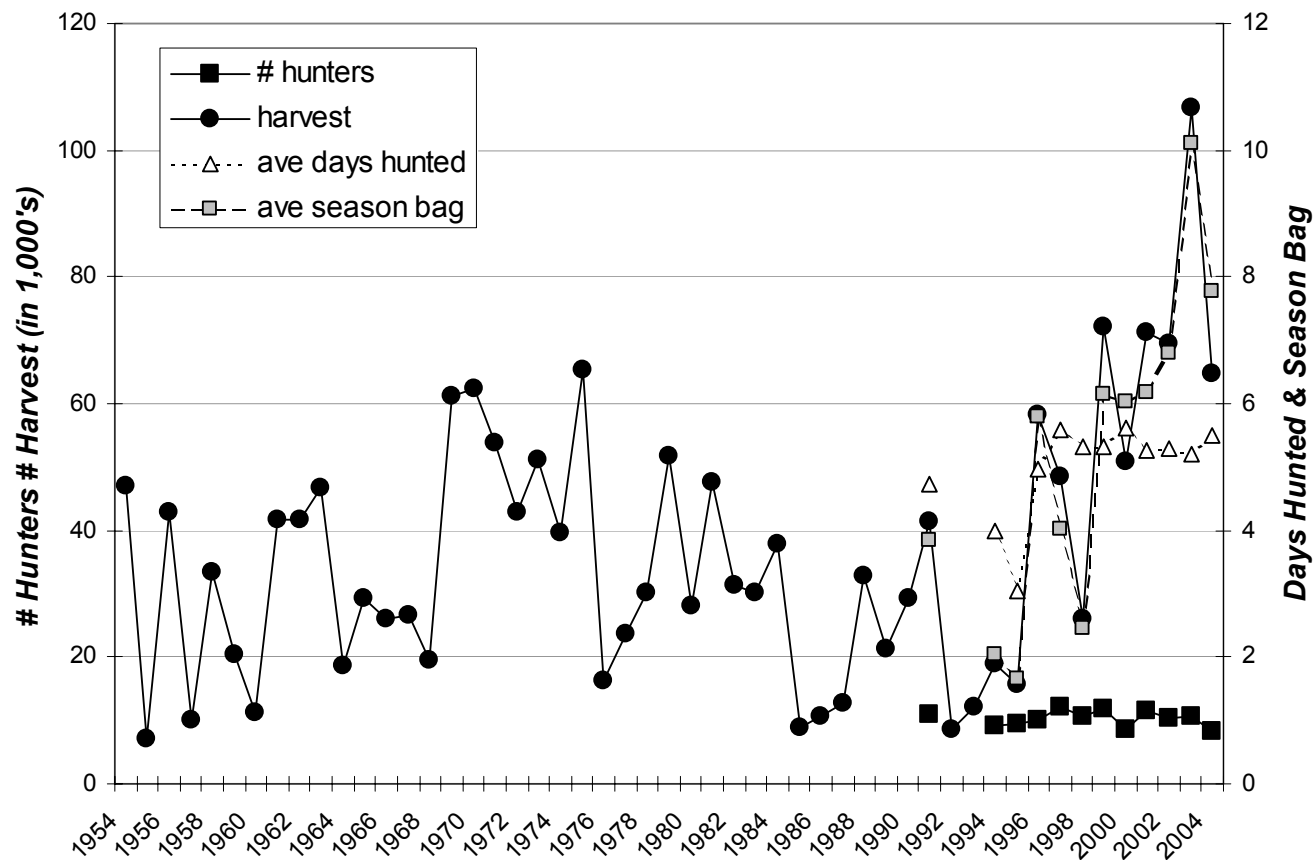
Last Revised: 15 July 05

	Resident	Non Residents
Residents, Regular Season:		
No. Hunters Reporting Light Goose Days	402	-
Total Reported Light Goose Hunted Days	2,282	-
Average Days Hunted Light Geese	5.68	-
Total Reported Light Geese Bagged	3,488	-
Average Light Goose Bag for Season	8.68	-
Projected Days Light Goose Hunting	42,435	-
Projected No. Light Goose Hunters	7,471	-
Projected Light Goose Bag	64,848	-
TOTAL RESIDENT LIGHT GOOSE HARVEST REGULAR SEASON = 64,848		
Nonresident 10-day Licenses		
No. Hunters Reporting Light Goose Days	-	150
Total Reported Light Goose Hunted Days	-	665
Average Days Hunted Light Geese	-	4.43
Total Reported Light Geese Bagged	-	325
Average Light Goose Bag for Season	-	2.17
Projected Days Light Goose Hunting	-	2,853
Projected No. Light Goose Hunters	-	644
Projected Light Goose Bag	-	1,397
Nonresident 3-day Licenses		
No. Hunters Reporting Light Goose Days	-	54
Total Reported Light Goose Hunted Days	-	147
Average Days Hunted Light Geese	-	2.72
Total Reported Light Geese Bagged	-	125
Average Light Goose Bag for Season	-	2.31
Projected Days Light Goose Hunting	-	590
Projected No. Light Goose Hunters	-	217
Projected Light Goose Bag	-	501
TOTAL NONRESIDENT LIGHT GOOSE HARVEST REGULAR SEASON = 1,898		
TOTAL LIGHT GOOSE HARVEST REGULAR SEASON = 66,746		
Light Goose Hunter Reported Public Land Type Use	227	91
Light Goose Hunter Projected Public Land Type Use *	4,219	384
Light Goose Hunter Reported Private Land Type Use	293	154
Light Goose Hunter Projected Private Land Type Use *	5,445	650
Light Goose Hunter Reported Walk-In Land Type Use	86	40
Light Goose Hunter Projected Walk-In Land Type Use *	1,598	169
Light Goose Hunter Reported Commercial Land Type Use	10	6
Light Goose Hunter Projected Commercial Land Type Use *	186	25
Light Goose Hunter Mean Satisfaction Score *1*	3.65	3.55

* Total may be greater than total licenses because hunters reported using more than one land type during season

1 Based on scale of 1-7 with 1=very satisfied & 7=very dissatisfied

STATEWIDE REGULAR SEASON LIGHT GOOSE HARVEST, 1954-2004



LIGHT GEESE (Conservation Order)

Information provided in this section pertains only to the Spring Light Goose Conservation Order in South Dakota. The previous section reported only on the regular season.

The 2004 Light Goose Conservation Order covered 1 February - 15 May statewide. This was the 6th year the conservation order was offered. The daily bag was 20 geese with an unlimited possession limit. To hunt light geese, residents were required to hold small game, 1-day small game, adult or junior combination, or youth small game licenses plus a migratory bird certification. Nonresidents were required to obtain a nonresident Spring Light Goose or a nonresident Youth Spring Light Goose license. Hunters were not required to possess a federal waterfowl stamp to hunt during the conservation order.

Harvest surveys were sent to both resident and nonresident hunters. In 2004, there were a projected 6,028 licenseholders who hunted at least one day for light geese during the conservation order dates (3,727 residents, 2,301 nonresidents). From the survey responses, there were a projected total of 89,784 light geese harvested (21,387 by residents and 6,900 by nonresidents in the 2/1 - 3/10 period; 31,369 by residents and 30,128 by nonresidents in the 3/11 - 5/15 period).

The average days hunted by all hunters (3.84 for residents and 3.52 for nonresidents in the 2/1 - 3/10 period; 4.53 for residents and 3.61 for nonresidents in the 3/11 - 5/15 period) projected to a total of 29,076 recreation days for the conservation order. The average season bag from hunters reporting use of electronic callers was 12.6 for residents and 12.9 for nonresidents. The average season bag for hunters reporting after sunset hunting was 4.6 for residents and 10.7 for nonresidents. Approximately 7.1% of resident hunters and 8.5% of nonresident hunters reached the daily bag limit at least once.

Comparison of the 1999 - 2004 Conservation Order light geese harvests:

Year	Resident Hunters			Nonresident Hunters		
	Number Hunters	Harvest	Total Days Hunted	Number Hunters	Harvest	Total Days Hunted
1999	7,059	80,856	40,487	1,571	14,257	4,678
2000	3,908	45,687	24,189	2,159	23,230	7,528
2001	4,172	31,913	18,180	2,063	22,462	7,309
2002	7,270	88,190	41,856	2,084	34,537	8,547
2003	3,546	43,898	22,823	1,739	26,184	8,198
2004	3,727	52,756	20,169	2,301	37,028	8,907

CONS. ORDER LIGHT GOOSE HARVEST PROJECTIONS FOR 2004

Last Revised: 16 August 05

	Resident	Non Residents
LATE SEASON (CONS. ORDER) Licenses Entered in Database *5*	9,837	2,159
LATE SEASON (CONS. ORDER) LIGHT GOOSE Licenses Sold *6*	10,565	2,372
Projected ACTIVE LATE SEASON LIGHT GOOSE HUNTERS	3,727	2,301
Number Sampled for Survey	3,219	491
Number Responded to Survey	2,571	366
Responded and Participated in Season	907	355
Responded but DID NOT HUNT	1,664	11
Survey Response Rate	79.9%	74.5%
TOTAL LIGHT GOOSE HARVEST CONSERVATION SEASON = 89,784		
Late Season (Conservation Order) 2/1 - 3/10 Period:		
No. Hunters Reporting Light Goose Days	549	97
Total Reported Light Goose Hunted Days	2,110	341
Average Days Hunted Light Geese	3.84	3.52
Total Reported Light Geese Bagged	5,203	1,064
Average Light Goose Bag for Season	9.48	10.97
Projected Days Light Goose Hunting	8,663	2,214
Projected No. Light Goose Hunters	2,256	629
Projected Light Goose Bag	21,387	6,900
TOTAL LIGHT GEESE HARVESTED 2/1 - 3/10 = 28,287		
Late Season (Conservation Order) 3/11 - 5/15 Period:		
No. Hunters Reporting Light Goose Days	618	286
Total Reported Light Goose Hunted Days 3/11-5/15	2,801	1,033
Average Days Hunted Light Geese 3/11-5/15	4.53	3.61
Total Reported Light Geese Bagged	7,633	4,648
Average Light Goose Bag for Season	12.35	16.25
Projected Days Light Goose Hunting	11,506	6,693
Projected No. Light Goose Hunters	2,540	1,854
Projected Light Goose Bag	31,369	30,128
TOTAL LIGHT GEESE HARVESTED 3/11 - 5/15 = 61,497		
Reported Number of Hunters Using Electronic Callers	158	157
Reported Harvest by Hunters Using Electronic Callers	1,990	2,031
Reported Number of Hunters Using Unplugged Shotguns	423	256
Reported Number of Hunters Hunting After Sunset	186	97
Reported Harvest by Hunters Hunting After Sunset	860	1,035
Projected Number of Hunters Using Electronic Callers	649	1,017
Average Season Bag for Hunters Using Electronic Callers	12.59	12.94
Projected Harvest by Hunters Using Electronic Callers	8,171	13,160
Projected Number of Hunters Using Unplugged Shotguns	1,738	1,659
Projected Number of Hunters Hunting After Sunset	764	629
Average Season Bag for Hunters Hunting After Sunset	4.62	10.67
Projected Harvest by Hunters Hunting After Sunset	3,530	6,711
5 Numbers of resident licenses available are based on the number of licenses in the 2004 GF50 & GF82 databases purchased prior to April		
6 For residents: est. by increasing # licenses in database by 7.4% (% Mig. Bird Stamps underentered in 2004 GF50)		
For nonresidents: actual number of licenses sold in 2004		

WHITE-FRONTED GEESE

The 2003 white-fronted goose season covered 25 September - 19 December statewide. The daily bag was 2 geese; the season possession limit was twice the daily bag. To hunt white-fronted geese, residents were required to hold small game, 1-day small game, adult or junior combination, or youth small game licenses plus a migratory bird certification. Nonresidents were required to obtain a nonresident waterfowl license. All hunters age 16 and over were also required to obtain a federal waterfowl stamp.

Harvest surveys were sent to both resident and nonresident hunters. In 2004, there were a projected 2,869 hunters who hunted at least one day for white-fronted geese (2,342 residents, 527 nonresidents). From the survey responses, there was a projected total of 3,399 white-fronted geese harvested (3,162 by residents and 237 by nonresidents). Most respondents indicated that they hunted white-fronted geese on private land.

Comparison of the 1997 - 2004 white-fronted goose harvests:

Year	Resident Hunters				Nonresident Hunters			
	Number Hunters	Harvest	Ave Days Hunted	Ave Bag, Season	Number Hunters	Harvest	Ave Days Hunted	Ave Bag, Season
1997	1,095	3,051	n/a	2.79	206	412	n/a	2.00
1998	705	1,100	n/a	2.10	74	199	n/a	2.69
1999	1,080	2,192	n/a	2.03	58	263	n/a	4.54
2000	522	2,004	n/a	3.84	86	148	n/a	1.72
2001	2,156	1,833	7.13	0.85	564	243	4.33	0.43
2002	2,173	2,912	7.30	1.34	568	204	6.93	0.36
2003	2,580	2,890	5.77	1.12	624	349	4.27	0.56
2004	2,342	3,162	6.10	1.35	527	237	4.18	0.45

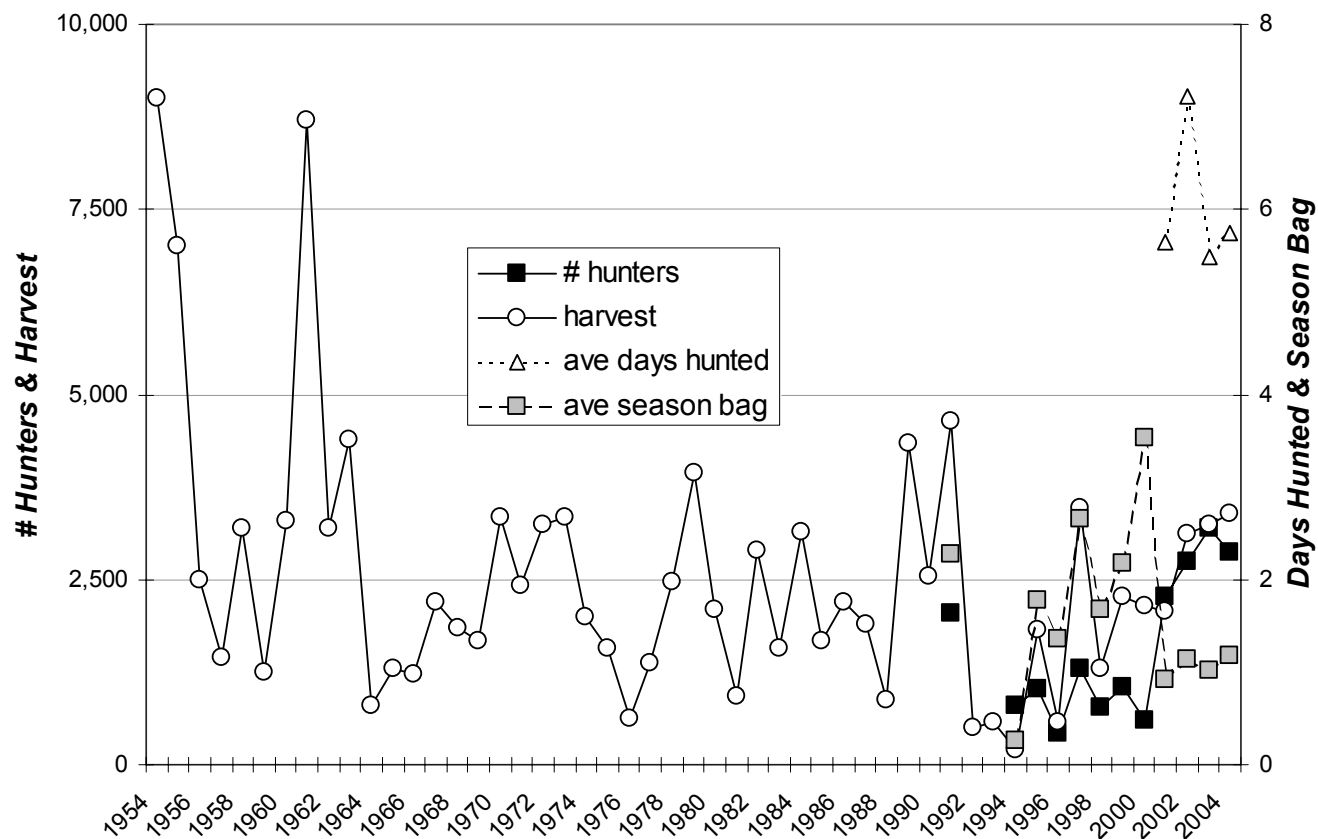
NOTE: Previous to 2001, the definition of a white-fronted goose hunter was one who bagged 1+ white-front. Starting in 2001, the definition was changed to a hunter who spent 1+ days hunting white-fronted geese. This definition increased the number of hunters and decreased the average season bag estimates, but not the overall harvest projections.

WHITE-FRONTED GOOSE HARVEST PROJECTIONS FOR 2004

Last Revised: 16 August 05

	Resident	Non Residents
No. Hunters Reporting White-fronted Goose Days	126	125
Total Reported White-fronted Goose Hunted Days	768	523
Average Days Hunted White-fronted Geese	6.10	4.18
Total Reported White-fronted Geese Bagged	170	56
Average White-fronted Goose Bag for Season	1.35	0.45
Projected Days White-fronted Hunting	14,286	2,203
Projected No. White-fronted Goose Hunters	2,342	527
Projected White-fronted Goose Bag	3,162	237
TOTAL WHITE-FRONTED GOOSE HARVEST = 3,399		
White-fronted Goose Hunter Reported Public Land Type Use	74	53
White-fronted Goose Hunter Projected Public Land Type Use *	1,375	224
White-fronted Goose Hunter Reported Private Land Type Use	93	92
White-fronted Goose Hunter Projected Private Land Type Use *	1,728	388
White-fronted Goose Hunter Reported Walk-In Land Type Use	31	26
White-fronted Goose Hunter Projected Walk-In Land Type Use *	576	110
White-fronted Goose Hunter Reported Commercial Land Type Use	6	4
White-fronted Goose Hunter Projected Commercial Land Type Use *	112	17
White-fronted Goose Hunter Mean Satisfaction Score *1*	3.53	3.42
* Total may be greater than total licenses because hunters reported using more than one land type during season		
1 Based on scale of 1-7 with 1=very satisfied & 7=very dissatisfied		

STATEWIDE WHITE-FRONTED GOOSE HARVEST, 1954-2004



MOURNING DOVE

The 2004 mourning dove season covered 1 September -15 October statewide. Harvest surveys were sent to resident and nonresident hunters. The daily limit was 15 birds, possession 30. To hunt doves, residents were required to hold a small game, 1-day small game, adult or junior combination, or youth small game license; nonresidents were required to obtain a nonresident small game, nonresident youth small game, or nonresident shooting preserve license. All hunters were also required to purchase a Migratory Bird Certificate.

In 2004, 37,856 residents and an unknown number of nonresidents were licensed to hunt doves. Approximately 7% of the resident migratory bird hunters and 3% of the nonresident small game hunters were surveyed for the mourning dove season. Survey response rates were 76.0% for residents and 78.5% for nonresidents.

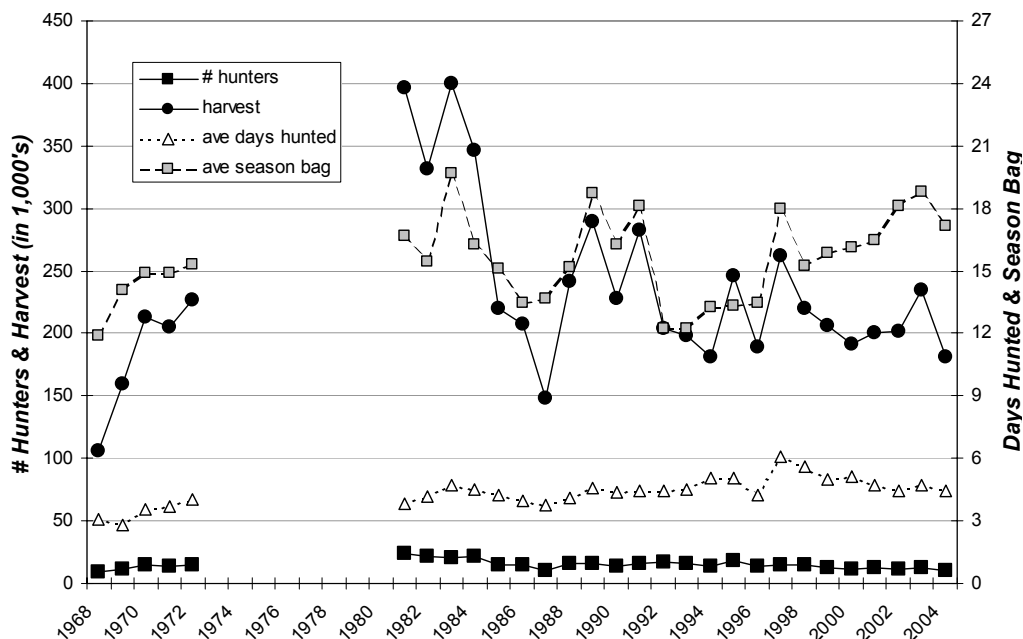
Based on survey responses indicating at least one day of hunting doves, there were a projected 10,579 dove hunters.

From the survey responses, a projected total of 181,265 doves were harvested during the 2004 season. Dove hunters reported they used private lands approximately 50% of the time. When asked their satisfaction on the season, (1 being most, 7 being least satisfied), resident dove hunters reported an average satisfaction rating of 3.74, nonresidents 3.16.

Summary comparison of the 1997 - 2004 mourning dove seasons:

Year	Resident Hunters					Nonresident Hunters				
	Number Hunters	Harvest	Ave Day Hunted	Ave Bag	Satisfaction	Number Hunters	Harvest	Ave Day Hunted	Ave Bag	Satisfaction
1997	14,447	260,027	5.89	17.64	n/a	138	2,438	4.33	17.67	n/a
1998	14,228	214,402	5.57	15.14	n/a	221	5,636	4.00	25.50	n/a
1999	12,518	201,164	5.03	16.07	n/a	491	5,509	3.44	11.22	n/a
2000	11,881	191,759	5.16	16.14	3.49	unavail	unavail	unavail	unavail	unavail
2001	11,990	198,195	4.75	16.53	3.34	231	2,804	1.00	12.14	3.50
2002	10,599	193,114	4.49	18.22	3.28	536	8,876	2.81	16.56	2.25
2003	12,060	225,522	4.79	18.70	3.16	452	9,415	3.50	20.83	1.42
2004	10,240	174,899	4.48	17.08	3.74	339	6,366	3.89	18.78	3.16

STATEWIDE MOURNING DOVE HARVEST, 1968-2004



MOURNING DOVE HARVEST PROJECTIONS FOR 2004

Last Revised: 16 August 05

	Resident	Non Residents
Number in Database	35,259	90,790
Licenses Sold	37,856	93,342
Projected ACTIVE MOURNING DOVE HUNTERS *	10,240	339
Number Sampled by Survey	2,681	3,157
Number Responded to Survey	2,037	2,477
Responded and Participated in Season	551	9
Responded but DID NOT HUNT	1,486	2,468
Survey Response Rate	76.0%	78.5%
No. Hunters Reporting Dove Days	551	9
Total Reported Dove Hunted Days	2,467	35
Average Days Hunted Doves	4.48	3.89
Total Reported Doves Bagged	9,413	169
Average Dove Bag for Season	17.08	18.78
Projected Days Dove Hunting	45,875	1,319
Projected No. Dove Hunters	10,240	339
Projected Dove Bag	174,899	6,366
Avg Days Hunted		4.46
TOTAL DOVE HARVEST =		181,265
Dove Hunter Reported Public Land Type Use	258	5
Dove Hunter Projected Public Land Type Use *1*	4,795	188
Dove Hunter Reported Private Land Type Use	345	15
Dove Hunter Projected Private Land Type Use *1*	6,412	565
Dove Hunter Reported Walk-In Land Type Use	105	3
Dove Hunter Projected Walk-In Land Type Use *1*	1,951	113
Dove Hunter Reported Commercial Land Type Use	4	n/a
Dove Hunter Projected Commercial Land Type Use *1*	74	n/a
Dove Hunter Mean Satisfaction Score *2*	3.74	3.16

* Nonresident number represents total number of small game licensees.

1 Total may be greater than total licenses because hunters utilized more than one land type during season.

2 Based on scale of 1-7 with 1=very satisfied & 7=very dissatisfied.

SANDHILL CRANE

Note: South Dakota does not survey crane hunters. All numbers provided within this section were obtained through the US Fish & Wildlife Service, Waterfowl Harvest Surveys Section, Laurel, MD, or through the Division of Migratory Bird Management, Denver, CO.

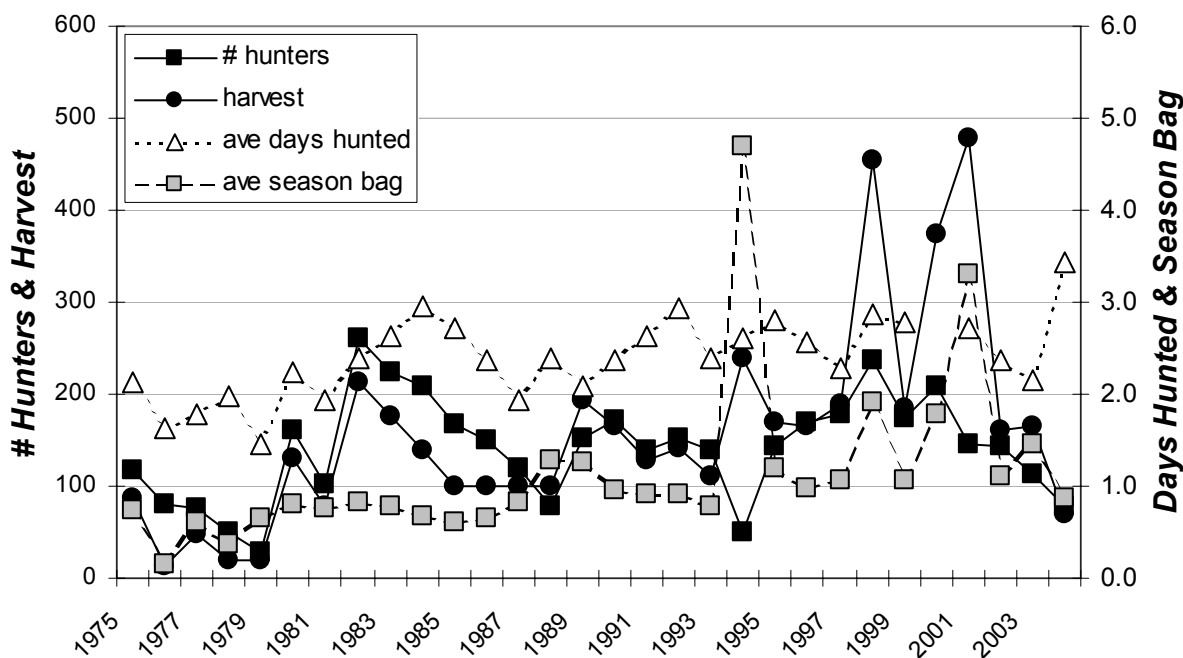
The 2004 sandhill crane season covered 25 September -21 November west of US 281. The daily limit was 3 birds, possession 6. To hunt cranes, residents were required to hold small game, 1-day small game, adult or junior combination, or youth small game licenses plus a migratory bird certification. Nonresidents were required to obtain a nonresident waterfowl, a nonresident small game, or a nonresident youth small game license plus a migratory bird certification. All hunters were also required to obtain a free Federal Crane Permit.

Comparison of the 1995 - 2004 sandhill crane harvests:

Year	Number of Hunters	Harvest	Ave Days Hunted	Ave Season Bag
1995	143	170	2.81	1.19
1996	169	166	2.57	0.98
1997	178	189	2.29	1.06
1998	237	454	2.87	1.92
1999	173	184	2.79	1.06
2000	209	374	N/A	1.79
2001	145	478	2.71	3.30
2002	144	160	2.38	1.11
2003	114	166	2.16	1.46
2004*	79	69	3.44	0.87

*Note: 2004 estimates are preliminary.

STATEWIDE SANDHILL CRANE HARVEST 1975-2004



AMERICAN COOT

Note: South Dakota does not survey coot hunters. All numbers provided within this section were obtained USFWS Special Scientific Report Wildlife No. 218, except for the 1985-88 estimates, which were obtained through South Dakota Harvest Reports.

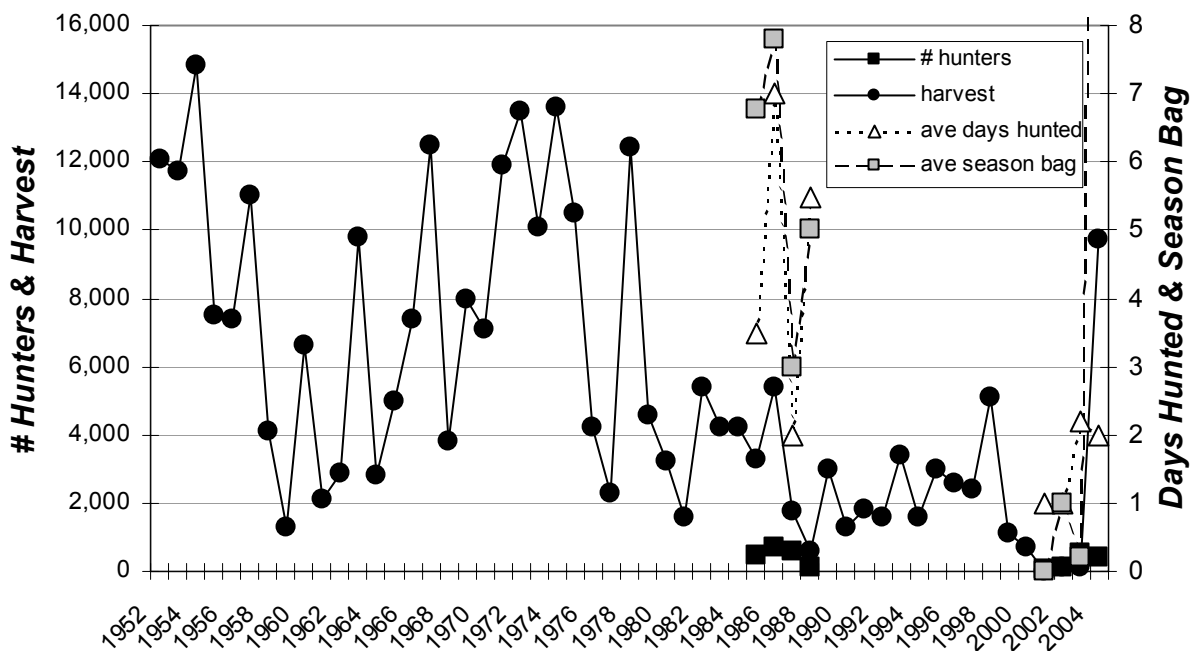
The 2004 coot season covered 25 September 2004 - 2 January 2005 statewide, although some units may have opened later and/or closed sooner. The daily limit was 15 birds, possession 30. To hunt coots, residents were required to hold small game, 1-day small game, adult or junior combination, or youth small game licenses plus a migratory bird certification. Nonresidents were required to obtain a nonresident waterfowl license. All hunters age 16 and over were also required to obtain a federal waterfowl stamp.

Comparison of the 1995 - 2004 coot harvests:

Year	Number of Hunters	Harvest	Ave Days Hunted	Ave Season Bag
1995	unavail	3,000	unavail	unavail
1996	unavail	2,600	unavail	unavail
1997	unavail	2,400	unavail	unavail
1998	unavail	5,100	unavail	unavail
1999	unavail	1,100	unavail	unavail
2000	unavail	700	unavail	unavail
2001*	<50	0	<1	0
2002*	100	100	1	1
2003*	500	100	2.2	0.2
2004*	400	9,700	2.0	24.25

*Note: 2001, 2002, 2003 and 2004 estimates are preliminary.

STATEWIDE AMERICAN COOT HARVEST, 1952-2004



COMMON SNIPE

Note: South Dakota does not survey snipe hunters. All numbers provided within this section were obtained USFWS Special Scientific Report Wildlife No. 218.

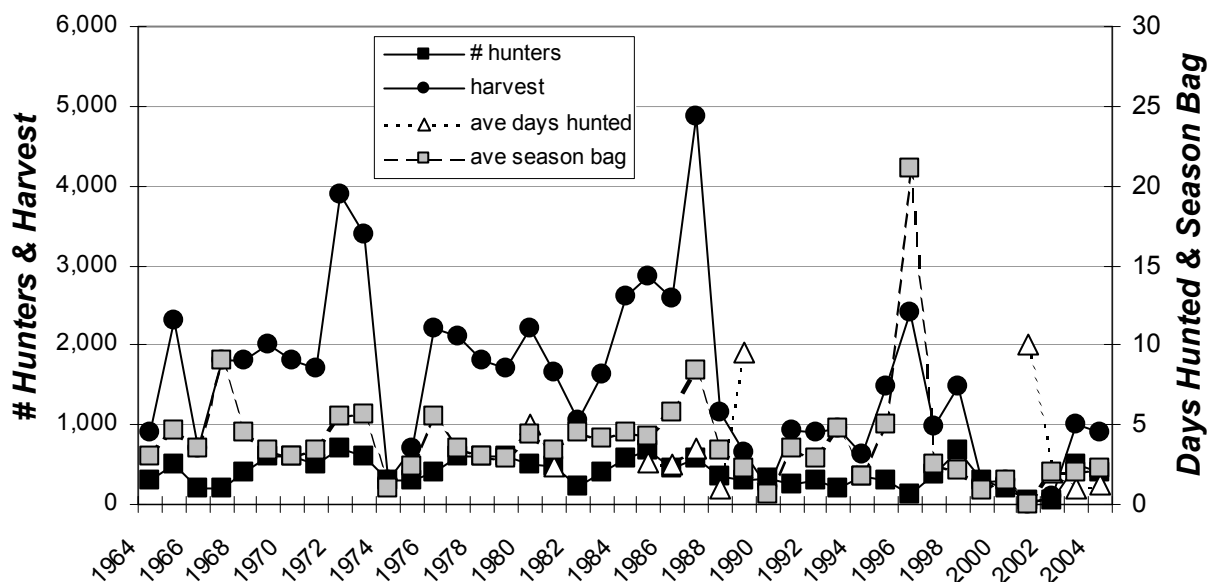
The 2004 snipe season covered 1 September - 31 October statewide. The daily limit was 5 birds, possession 15. To hunt snipe, residents were required to hold small game, 1-day small game, adult or junior combination, or youth small game licenses plus a migratory bird certification. Nonresidents were required to obtain a nonresident waterfowl license.

Comparison of the 1995 – 2004 snipe harvests:

Year	Number of Hunters	Harvest	Ave Days Hunted	Ave Season Bag
1995	299	1,493	unavail	4.99
1996	115	2,420	unavail	21.04
1997	382	968	unavail	2.53
1998	689	1,480	unavail	2.15
1999	305	281	unavail	0.92
2000	200	300	unavail	1.50
2001*	50	0	10	0
2002*	50	100	2	2
2003*	500	1,000	1	2
2004*	400	900	1.25	2.25

*Note: 2001, 2002, 2003 and 2004 estimates are preliminary.

STATEWIDE SNIPE HARVEST, 1964-2004



2004 Harvest Survey Response Rates

Survey Title	Overall Response*	Proportion	
		Internet	Mail-return
Upland Game	77.7%	7.5%	92.5%
Late Upland Game	83.3%	5.3%	94.7%
Upland Bird	81.1%	10.4%	89.6%
Migratory Bird	76.0%	8.3%	91.7%
Nonresident Small Game	79.8%	8.7%	91.3%
Nonresident Waterfowl	82.9%	9.2%	90.8%
Resident Early Fall Canada Goose	80.9%	7.9%	92.1%
Nonresident Early Fall Canada Goose	87.8%	7.6%	92.4%
Special Canada Goose	87.8%	10.2%	89.8%
Spring Light Goose	79.2%	10.8%	89.2%
Tundra Swan	88.8%	12.1%	87.9%

***Note:** Due to late responses received through the Internet, final response rates may be higher than those reported in previous sections. Late responses were not included in data summaries or analysis.